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THE CONFUSED STATE OF THE INTERNSHIP

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BOSTON

Thirty years ago in Chicago, at the seventh annual conference of the Council on Medical Education, held at the Congress Hotel, Dr. James B. Herrick[1] read a paper which appeared to certain members of the audience as being quite revolutionary in character. It was entitled "The Educational Function of Hospitals and the Hospital Year." Sooner or later, Dr. Herrick asserted, a period of training in a hospital would be demanded of every American medical student before he became licensed to practice. Difficulties in the way of such a prescribed hospital year seemed by no means insurmountable. Either one of two things soon was bound to take place: either more internships would become available to accommodate the large annual output of doctors from medical schools or the number of graduates each year would be curtailed. Of these two possibilities, it was the number of internships which seemed most likely to change. An increasing proportion of the better hospitals soon would realize the impossibility of effective work without the assistance of interns. There would develop good internships and bad internships. An obvious difficulty, therefore, presently must be surmounted. In order to protect the prospective intern a means must be invented by which hospitals could be standardized in their ability to offer a satisfactory type of training.

An interested group of listeners heard this paper. Among those in the audience were such hardy perennials as Dr. Arthur D. Bevan, chairman of the Council on Medical Education of the American Medical Association, Dr. George Blumer of Yale, Dr. A. J. Carlson of the University of Chicago, General Ireland of the United States Army, Dr. W. A. Pusey of the College of Physicians and Surgeons and Dr. Fred E. Zapffe of the Association of American Medical Colleges. Dr. Blumer was the only one with enough temerity to discuss Dr. Herrick's paper from the floor. He thought that the most serious practical objection to Dr. Herrick's rather visionary plan was the present impossibility of finding a sufficient number of hospitals where conditions were such that a student could be placed in them safely. He feared, as things were at the time, that, if all students were encouraged to take internships, many might learn bad habits rather than good medicine from such an experience and might be injured rather than helped.

In this fashion the vexing problem of the internship and its classification first acquired medical publicity.

No doubt there were many in the audience who perceived at once the full implications of what seemed to be in the back of Dr. Herrick's mind. One imagines the applause which concluded his remarks, and the buzz of argument which soon developed in the corridors outside the hall where the meeting was held.

There were several present who were prepared to go even further than Dr. Herrick. They believed not only that the standardization of the internship was desirable but also that their own particular talents and interests made them eminently suited to undertake the task of inspection and classification. It is difficult to conceive of such energetic teachers as Dr. Blumer or Dr. Carlson uninterested in such a presentation; certainly Dr. Zapffe easily perceived that the Association of American Medical Colleges found here a problem close to its heart; Dr. Pusey was not the man to listen to Dr. Herrick's cold and logical condemnation of bad surgical practice in hospitals without at once attempting to do something about it; and Dr. Bevan immediately visualized the standardization of internships as a problem to be faced by the American Medical Association, since it concerned the entire medical profession—doctors, educators, hospital superintendents and possibly those responsible for administering medical licensure.

The aftermath of Dr. Herrick's paper has been most interesting. Hardly another single paper presented at any annual congress on medical education has had such far-reaching results.

Almost immediately the Council on Medical Education of the American Medical Association considered the possibility of classifying hospital internships in much the same manner as had been utilized in the classification of medical schools. In line with this idea, internships were to be classified in A, B and C categories, thereby enabling medical schools and state boards to recommend hospitals in the A group to medical students as being institutions wherein the internship was of guaranteed worth-whileness. In the C group were to be listed those hospitals seemingly incapable of offering an internship which could be regarded as of any educational merit. In the B group would appear hospitals of doubtful strength: institutions wherein a year of residence might be of dubious usefulness though certainly the time spent there would not be wasted.

Medical schools and various state licensing boards soon climbed aboard Dr. Herrick's band wagon. In 1915 the House of Delegates of the American Medical Association was informed that the Licensing Boards of Pennsylvania and New Jersey now required that every candidate to be eligible for license to practice medicine in those states must have served at least one year as an intern in an approved hospital: and six medical colleges had adopted the requirement of a fifth year to be spent by the student as an intern in an approved

Read before the joint meeting of the Council on Medical Education and Hospitals and the Federation of State Medical Boards of the United States at the Thirty-Seventh Annual Congress on Medical Education and Licensure, Chicago, Feb. 18, 1941.

1. Herrick, J. B.: The Educational Function of Hospitals and the Hospital Year, A. M. A. Bull. **6**: 105-112 (Jan.) 1911.

hospital or in other acceptable clinical work before the M.D. degree was granted. The medical schools first to take this step were Minnesota, Leland Stanford Jr., Rush, California, Northwestern and Vermont.

While many medical educators believed in the soundness of Dr. Herrick's idea that a required intern year was desirable, there were certain dissenters. At the annual congress in 1916 Dr. James Ewing [2] of Columbia University read a notable paper which he labeled "Principles and Experiments in Medical Education" and wherein he attacked vigorously the required intern year. He believed that the average hospital always would be unsuited for medical education, that a fifth purely clinical year raised an additional bar against the choice of a career in scientific medicine and that such a year tended to unbalance the medical curriculum by placing excessive emphasis on clinical training. Such a year, to be sure, was likely to help in the making of good practitioners. But to him it seemed an artificial measure designed to deal with the lower strata of student society and nothing more than a means for manufacturing smart young doctors acquainted with little more fundamental in medicine than the jargon of fashionable clinical tests and methods. The accomplishment of this did not appear to him as a progressive step toward the improvement of a good, general medical education.

One phenomenon which Dr. Herrick failed to foresee was the enormous expansion of hospitals which occurred. He was right, however, in predicting that an ever increasing proportion of the better hospitals would quickly realize the impossibility of effective work without the aid of interns.

No sooner did the Council on Medical Education publish its first list of hospitals approved for intern training than a new list was needed. It was a matter of mechanical impossibility during the decade before 1929 to classify internships on the A, B and C basis, since the entire complexion and number of hospitals changed over night.

DIFFICULTIES OF STANDARDIZATION

As hospitals rather than individuals began to play an increasing part in medical practice, Dr. Herrick's original postulate became restated by many doctors in many ways; a universally acceptable means was desirable by which hospitals could be standardized in their ability to offer a satisfactory type of intern training. At the congress in 1919 there was a paper on this matter by Dr. A. R. Warner,[3] president of the American Hospital Association. This paper is second in importance to Dr. Herrick's in the history of the confused state of the internship. Here Dr. Warner gave an intelligent analysis of the difficulties encountered in an effort fairly to classify internships and agreed with Dr. Bevan that at least four factors are importantly involved in the process: hospitals themselves, the medical profession, the state licensing boards and the medical colleges. He believed that, in order to make a truly successful classification of internships, all these factors must be dovetailed together and that the interests of each must be recognized.

This paper provoked a great deal of discussion. The upshot was the formation of an organization known as the American Hospital Conference. This was to consist of two representatives each from twelve independent groups of interested people: the American Medical Association, the American College of Surgeons, the American Nurses Association, the American Hospital Association, the Association of American Medical Colleges, the Federation of State Medical Boards of the United States, the American Association of Hospital Social Workers, the Catholic Hospital Association of the United States and Canada, the American Association of Industrial Physicians and Surgeons and the Medical Departments of the United States Army, Navy and Public Health Service. To this group later were added representatives from the International Compensation Board, the National League of Nursing Education and the National Organization for Public Health Nursing. The conference had the laudable intention of holding one or more meetings each year at which problems relating to the development and standardization of hospitals might be discussed. It formed an executive committee, and this was directed to prepare standards and carry on other essential work.

This association did not function with appreciable effectiveness. It presently changed its name to the American Conference on Hospital Service. It failed to prepare standards of classification unanimously acceptable to its membership. It died a quiet death. If it accomplished anything in the few years of its life, it bought about a sympathetic interest and reasonable cooperation of all organizations of the country which are engaged in various fields of endeavor included in hospital service. Presumably its executive committee, in attempting to prepare standards for classifying internships, was foiled by the chaos that develops when a large number of people of divergent opinion attempts to institute any sweeping reform.

The Council on Medical Education and Hospitals of the American Medical Association in the meantime continued calmly about its business of studying hospitals. The Council became increasingly convinced that the person most interested in the internship problem was the medical student and that one of the essential purposes in providing a classification of hospitals offering internships was to enable each student to select for himself with a reasonable guaranty of safety that institution which would most nearly satisfy his own particular needs. With this idea in mind, year by year hospitals were inspected and if they fulfilled certain sensible basic requirements they were listed as being approved for intern training. Just as in the case of medical schools, the value of classifying hospitals on an A, B and C basis became less obvious and the desirability of a minimum standard toward which any medical school or hospital might aim grew more evident. Internships became increasingly popular and were eagerly sought by each graduating class. The essentials of a Hospital Approved for Intern Training were modified from time to time so that the general level of intern training improved steadily and, on the whole, this method of managing the problem of internships and their classification appeared to yield fairly satisfactory results.

QUALIFICATIONS OF A SPECIALIST

Then came the meeting of the American Medical Association at Philadelphia in 1931. A simple sounding resolution introduced into the House of Delegates by Dr. Carl F. Moll [4] of Michigan was to be the third great factor in adding confusion to the state of the internship.

2. Ewing, James: Principles and Experiments in Medical Education, A. M. A. Bull. **11**: 120-128 (Jan.) 1916.

3. Warner, A. R.: Hospital Standardization, A. M. A. Bull. **13**: 242-260 (Jan.) 1919.

4. Moll, C. F.: Resolutions on Appointment of a Commission on Qualifications for Specialists, J. A. M. A. **96**: 2114 (June 20) 1931.

Dr. Moll, like many others, was conscious of the growing tendency on the part of many physicians to make self-appointed specialists of themselves. This he believed was an unsound practice and therefore he asked the House of Delegates for the appointment of a Commission on Qualification for Specialists. It was to be the duty of this commission to consider what qualifications a specialist should have and, in general, the type of educational training and clinical experience a man needed in any field before he could be recognized as a specialist in it.

As a result of this resolution the Council on Medical Education and Hospitals was directed to investigate the matter of specialization in medicine in this country and to make recommendations looking to the establishment of proper qualifications of physicians who might wish to be termed specialists. It appeared at once that many people and many organizations were vociferously eager to have a hand in deciding who was a specialist and how he should be made. After a period of struggle the present arrangements of the various specialty boards were duly established and began to function.

Each specialty board has its own peculiarities, but underneath all is a common denominator. To become a specialist, a doctor must have graduated from a recognized medical college and must have served an acceptable internship. On this foundation he must build to become a specialist by spending at least three years in obtaining intensive training in whatever field he selects.

The amazing popularity of the specialty board development has now refocused attention on postgraduate education in hospitals and particularly on the internship and the residency. Once again, as they were thirty years ago, are hospitals, doctors, state licensing boards and medical colleges in the midst of a discussion wherein the classification and direction of the hospital phase of graduate medical instruction appears of paramount importance.

Naturally, the state of the internship is a little confused by the vigorous stirring it has received recently. Yet the situation is not as awkward as it appeared thirty years ago because so much more is known.

Nowadays, of his own volition, almost every graduate of each recognized medical school in the country secures an internship in a hospital approved by the American Medical Association. A young doctor is more likely than not to reside in some such hospital for two or three years or more before he begins to practice. No licensure requirements or medical school regulations can make the internship appear more essential than it is at present.

This fact has diminished the immediate need for state licensing boards to demand an intern year as part of a candidate's credentials for licensure, though the tendency to enforce this requirement is spreading. In 1915, Pennsylvania and New Jersey were the pioneers in the field. Now twenty other states, the District of Columbia, Alaska and Puerto Rico have followed suit. Possibly a factor in retarding the more rapid growth of this movement is the complicated machinery which might be required to enforce it. Naturally, each state is deeply concerned with the qualifications of those whom it admits to practice. Theoretically, a required intern year in a good hospital is ideal. If an intern year was to be demanded by law throughout the country, however, many states might be compelled to make their own list of hospitals whose internships they could approve, and to construct such a list free from possible political criticism would be difficult. In those states where obvious resources are not at hand with which to perfect so cumbersome an affair, it seems but common sense to proceed slowly and to avoid the risk of legislation which, to say the least, might be difficult to enforce properly.

Medical schools are even more diffident. In 1915 six schools required an intern year before their students received medical diplomas, and now but twelve make this demand. Vermont and Columbia at one time experimented with the plan but abandoned it. Dr. Ewing's argument of twenty-five years ago still has a certain force. But, more particularly, many teachers feel that no medical school can rationally give credit toward a doctor's degree for work not done under its own jurisdiction. Rarely is a medical school able to offer internships of its own, to control the quality of these or even to assure completely satisfactory placement of each of its graduates.

CLASSIFICATION OF INTERNSHIPS

It appears reasonable to conclude from these figures that state licensing boards have faith in a required intern year and in all probability are likely to go forward with it as conditions become suitable. On the other hand, medical educators are dubious.

Nevertheless, the most satisfactory classification of the internships continues to be a lively football which is much kicked about. Certain thoughtful people honestly believe that the internship has now become so important a part of medical education that the approval of hospitals suitable for intern training and the curriculum offered by them most appropriately lies in the hands of the medical colleges. They wish medical schools to prepare a list of hospitals to which students can be recommended safely with assurance that in these institutions a more or less rigid teaching program will be effectively carried out. In this fashion they hope that a well organized educational experience can be made of the internship which will formally introduce young doctors to the importance of a continuing postgraduate education. By this means they believe that the general level of medical practice throughout the country will be raised.

Other equally thoughtful people take a more conservative view. They believe that the process of undergraduate education in medicine already is sufficiently long. They do not perceive the wisdom of attempting to make of the internship a discipline that is in large measure academic. They prefer still to regard the internship as the young doctor's first great clinical opportunity, where, under the guidance of a competent preceptor, he stands on his own feet, begins to make decisions for himself and in this way acquires practical knowledge more rapidly and surely than by any other means. Those who have this philosophy do not wish the internship or what it teaches to be rigidly standardized by any single group of doctors. They think that except within broad limits the internship should have no fixed pattern. In brief, to them what amounts to free choice of internship in any institution whose basic respectability is assured seems as important for a young doctor as is free choice of physician to a patient.

The real point at issue appears to lie in whether or not the method of classifying hospitals approved for intern training utilized by the American Medical Association can be improved. Those who wish to have a new list of hospitals appear to give little weight to the experience of the Council on Medical Education and Hospitals in the field of hospital inspection and place

little emphasis on the value of the Council's carefully developed impersonal method of periodic hospital examination. With this point of view I myself have no sympathy.

A few years ago the Massachusetts Medical Society [5] studied critically hospitals in Massachusetts by inspection and through data from surveys forwarded to the society by the council. One could not help but realize that hospitals in this state approved for intern training were not all of the same caliber; they fell into three easily separable groups. The A group offered the best internships and trained the fewest men; the C group offered the worst internships and trained the greatest number; the interns in the A group were in the main the best scholars, and the interns in the C group were from the lower ranks. No doubt an experience such as that of Massachusetts is almost universal.

Without question, medical schools owe their students the best possible advice in regard to choice of internship. The importance of the internship as a base from which to begin the practice of medicine cannot be overemphasized. At the Harvard Medical School for many years an account has been kept of hospitals in which our students have interned, of the value of the experience from our students' point of view and of the impression made on various hospital staffs by Harvard men. Most of the hospitals in which our students have been trained have been approved by the American Medical Association; a certain number on the approved list have seemed unsatisfactory and our students have been advised to avoid them; and a very rare hospital not approved for intern training has offered some particular type of opportunity which certain students have been advised to seize. It seems perfectly sound for each school to have a confidential hospital list of this nature for its own purposes.

If, however, an appreciable number of hospitals with internships now approved by the Council were to be picked out in some arbitrary manner and announced publicly as henceforward being no longer approvable for intern training, unnecessary confusion and hardship would result. The fact of the matter is that there are not enough internships of highest quality to meet the demand of all candidates who wish to acquire them. There never will be so long as hospitals regard the care of the sick as their first duty and the education of young doctors in residence as of secondary importance. The best internships are bound to be limited in number and to be awarded to those applicants who appear most competent; no other intern policy is honest. The stronger hospitals will not accept second-rate material. But unfortunately medical students do not all have the same native ability, so that those unable to obtain first-class internships will be compelled to take others less good so long as the desire for some kind of an internship appears as important as it does at the moment.

Hospitals have a distinct advantage in that candidates applying for internships must be graduates of an approved medical school. In order to be equally fair to interns, to protect good students from going to poor hospitals and to help poor students in obtaining as good hospital appointments as they can, hospitals too must be approved.

Hospitals as well as students are annoyed and displeased by a multiplicity of surveys and inspections. In order to avoid a further stride of confusion in the matter of hospital internship, I believe there should be but one limited list of hospitals approved for intern training. This list should include all institutions which do not exploit interns, which maintain a high quality of professional work and which stimulate interns in the acquisition of knowledge. To prepare and keep up to date a list of this nature is an elaborate, painstaking business. So long as the American Medical Association continues to maintain one as intelligently as it has for the past thirty years, no other classification is particularly needed. For as Dr. Warner pointed out, twenty-two years ago, there are four factors involved: hospitals, doctors, state licensing boards and medical colleges. Any successful classification of hospitals must dovetail together all these factors. The American Medical Association is the most representative body of this profession to appraise so hard a task in a wholly disinterested manner. It is the one body in the country with resources and machinery to do the work well.

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5. Fitz, Reginald: Massachusetts Internships, Harvard M. Alumni Bull. **12**: 38-42 (April) 1938.

PURPOSE, CONTENT AND METHODS OF TEACHING PUBLIC HEALTH TO MEDICAL STUDENTS

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DEFINITION AND PURPOSE

A definition of the practice of public health which suits my present purpose and will stand on its merits under the circumstances is: The application of the sciences of preventive medicine through government for social ends. The public health is but a convenient expression of the collective health of the members of the community, the social aggregation of families or households under some civil government jurisdiction.

Medicine and biology created a precedent when about a hundred years ago they entered on a career as servants of government, with functions defined by statute law and supported by tax revenues. For the first time the sanitary protection and health status of man and his wife and children became an object of the official solicitude of statesmen and of local government. Persons and their well-being as well as the safety of their material possessions and property were to be protected. This was a new motive in the progress of representative government toward social usefulness and came some hundreds of years after government accepted responsibility for care of the poor in sickness. Organized care of the sick by institutions and agencies, one of the two large fields of administrative medicine, was not then included in the field of public health and is not dealt with in our discussion of the present topic.

It was the impersonal *societas*, the community, the *demos*, the commons, the crowd of people, that was to be guarded and benefited by public health services, rather than the individual citizen, whose personal health was a coincidental object or necessity. We of the schools of medicine have been involved in this expanding function of government because both the leadership and the laborers of preventive medicine required additional basic sciences, and disciplines in fields of

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knowledge not previously indispensable to the individual servant of the sick, for whose laboratory and clinical education we had been responsible. Our graduates found themselves ill equipped in several fields of administrative and public medicine where new opportunities awaited them.

About the time when the universities first offered postgraduate courses in science and vocational training to physicians and others who intended to engage in the career of public health, the conviction was becoming general that further and immediate progress in the health of the community, and probably the optimum practical benefits from public promotion of health under our form of government would depend to an increasing degree on the personal services, professional advice and opinions of the family physician.

The obligation of medical faculties was acknowledged to provide time in the medical curriculum and teachers to deal with those sciences and skills recognized as necessary for an understanding of the problems, the methods, the resources and results of preventive medicine as this can be made useful through civil government.

CONTENT

The additional basic sciences and accessory disciplines indispensable to the understanding and use of our present knowledge of public health are three: medical or vital statistics, environmental sanitation, including so-called industrial or occupational hygiene, and epidemiology.

The subject matter of these major building blocks of the practice of public health is not appropriate to any of the standard departments of the usual medical school of today, although each may be touched on and used for illustration or example in various laboratory and clinical courses. Without these three, only a trivial and cursory descriptive introduction to the superficial aspects of public health of a popular character can be presented to the student of medicine.

With these suitably included in the medical curriculum the physician can continue to grow in the intellectual and practical use of all his other information and skills which contribute to the improvement of collective as well as of individual health.

Existing departments of the medical schools of today, whether here or abroad, can deal with all the other factors which touch on or have been incorporated into the public or governmental functions of preventive medicine. Until and unless the well established departments of a modern school of medicine deal each in turn with the theoretical and practical applications of their respective subjects to the prevention of disease and the development of health and its improvement or protection, there is no good sense in adding to the former curriculum an embroidery of so-called public health, hygiene or preventive medicine.

Each basic science in the first two years, particularly physiology and bacteriology, is crowded with information, with theory, with practice directly contributory to a sound understanding and use of preventive medicine, whether of individual or public concern. If the opportunity, the incentive, the application is lost while the laboratory sciences are taught, these cannot readily be recaptured in a course in public health when there is not time, equipment or state of student mind to profit by a review of those aspects of the laboratory subject which are of special interest or necessity for an organized health service.

In the first year preferably and certainly before the end of the second year at the medical school, the student should have presented to him the principles involved in the description, interpretation, analysis and evaluation of facts which can be expressed mathematically. The substance of medical statistics will include the theory of probability, the significance of data, the logic of the statistical method, the distinction between an isolated observation and the weight of evidence of mass phenomena, the truth that statistics prove little, and that rarely, but that their use reveals trends and probable truths which can be tested critically by controlled experiment.

It is when the student is in the midst of experimental data dealing with accumulated records of anatomic, biochemical and physiologic facts that he first needs the discipline of the statistical method to save him time, to sort out relative truths and values, to refine the sharp edge of quantitative methods, to learn what chance variation means before he is faced with the loose quotations and opinions of clinicians who so rarely show a reasonable respect for evidence beyond that of the one patient in hand.

So much of the material accessible only through official public health channels is to be understood and safely used with the aid of rigorous mathematics that medical science statistics, whether vital, natal, mortal or merely morbid, must be mastered in its simplest terms early in the medical curriculum to become a familiar usable tool whether in calculating calories, drug dosage, heat loss, heart power or calcium deficit, or secular trends of diseases and deaths.

It is not enough to learn the use of a slide rule, now an almost universal high school gadget. The course in vital or medical statistics must be presented by a master, with the imagination of a professional gambler and the experience of a civil engineer, an epidemiologist or a biophysicist. It is unusual to find such a person either intellectually equipped for the job or with the inclination to deal with the numerical expression of facts, rather than with their creation from clinical or experimental observation, among the teaching staff of a medical school. When the right person is found he will require space, time and equipment for some laboratory work, using data already familiar to the students from their basic science courses or such as they are certain to meet in their expanding acquaintance with series of institutional patients, with medical publications and through the grist of health department records.

This teacher of vital statistics to medical students will, it seems to me, be an increasingly indispensable member of the society of scholars, the *collegium* which we like to think our medical faculty actually is. If he were used by clinicians before they arrive at conclusions of therapeutic triumph on their first seventeen patients, or assume a falling case fatality percentage based on one winter's experience with pneumonia, there would be less irresponsible medical publication.

Another contribution to the education of medical students in public health by persons of other than medical origin must be that of sanitation in its strict and correct sense, the science of environment as this affects the health of man. Environment, be it physical or biologic, all of man's material envelop except that created by the social and psychic atmosphere of fellow man, is not dealt with except casually and in an amateurish manner by any of the standard departments of our medical schools. I am not referring to plumbing fixtures

or street cleaning, nor yet to the covering of ash and garbage cans, but to an objective scientific study of the evidence of cause and effect by which man's health of body and even of his mind is in any respect affected by conditions of material environment. Air, light, water, foods, particularly milk, waste disposal, occupational hazards, vermin and insect control in relation to communicable disease, together with noise and the resources of engineers and administrators by which man as a congregating animal may be spared the damages potential in his own swarming and hiving; these are the subject matter of sanitary science. Not only are the principles to be dealt with, but examples of control in action are to be observed, and the statistical, historical and epidemiologic results of measures such as water and sewage purification, pasteurization of milk, mosquito control and air and light conditioning are to be proved from official and experimental records. As the physician in the sciences is in debt to the medical statistician for putting evidence on a quantitative basis, so the profession of public health and the practitioner of individual medicine are beholden and deeply grateful for the mastery of environment by engineers whether of the civil, chemical, electrical or general sanitary specialty. These features of public medicine should be familiar to the embryo doctor before he becomes an egocentric wielder of stethoscope and scalpel satisfied that he has labeled and healed a sickness in a man.

This course in sanitation will call into the faculty of medicine a sanitary engineer, a nonmedical sanitarian, and should certainly follow physiology and bacteriology and biochemistry, and preferably precede the major clinical teaching of medicine and surgery. Such a course can hardly be offered without involving that composite subject generally called Industrial Hygiene, a poor hybrid label for what is one part environmental sanitation of occupations and one part the hygiene or personal physiology of the workman himself. Under favorable conditions of time and teachers these two parts will be dealt with by a physician with special experience in physiology and pathology, who has applied his science of sanitation to solving the riddles of disease or disability of human function and structure in factory and shop, counting room and commercial office, mine, farm or construction gang. It is perhaps too much to expect that in our proposed introduction to the content of the public health there should be two courses, one in general and one in industrial sanitation, but if you will look about you today, listen to the calls for physicians to supervise the health of defense production plants, and note the quite insignificant minority of workers of any category for whom there is any medical buffer between them and the hazards of their job, you will, I think, see the logic of the demand for more liberal provision in the curriculum for industrial sanitation and the hygiene of the worker as part of the teaching in public health.

Before we can consider the place and functions of epidemiology, which may be thought of as the third new topic, the capstone of the educational structure of public health, we must make some stipulations as to the broadening of the teaching and scope of each of the clinical departments, whether the big five of medicine, surgery, obstetrics, pediatrics and psychiatry or their specialty subdivisions.

It is not suitable from any point of view to have the preventive aspects of any clinical department dealt with in a systematic manner in a department of public health. Unless in medicine, surgery, obstetrics and pediatrics the preventive aspects of disease are dealt with there is but a forlorn hope that any devotee of public medicine can inculcate ideas after the hero of the amphitheater has ignored the matter.

The question of when and by whom preventive clinical medicine is to be taught may be said to have been permanently and definitively answered by the progressive, liberal, social and constructive attitudes of the departments of obstetrics and pediatrics, from which progress in public health has benefited more, in theory, practice and results, than from all the rest of the fields of clinical medical practice.

Where shall the student learn of maternal mortality, its extent, its trends, its causes, means of abatement and social significance, if not from the professor of obstetrics? Where will the promise and limitations of antepartum care be better taught than on the lying-in service and its prepartum and postpartum outpatient classes? How better illustrate the social slaughter of abortions and the effect of contraceptive information on their prevalence than by clinical observation in the gynecologic service? The public health teacher may emphasize statute law that calls for premarital and antepartum serodiagnosis and show what has been the declining trend of congenital and conjugal syphilis but venereal disease control is first, and always, an individual clinical job of the physician with his patient.

Without laboring the point through pediatrics, orthopedics, dermatology, ophthalmology and other fields, let me say once for all that no clinical subject is well taught unless the student leaves his patient, the disease under discussion or the topic as a whole with a clear picture of what might and should have been done to prevent the disease, so far as our knowledge permits us to know and our resources to apply this.

The first and last eagerness and worry of the student should be on the score of preventability, once he has understood the diagnosis and done his best at treatment of the patient and the disease. No teacher of the disease entity should feel free to close his chapter or lecture without expressing his opinion and giving good evidence as to the preventability or otherwise, practical or only theoretical, of the disease under discussion. The curiosity of students should be particularly aroused by any disease which they cannot yet classify as preventable.

General or internal medicine and surgery have not regularly dealt with the preventable aspects of the sickness they present. By the admission of the teacher of public health into the clinical amphitheater in some medical schools to deal with the public, the social, the preventable, the epidemiologic aspects of the patient's condition, a beginning has been made, and by the increasing emphasis of surgeons on the origins, preventable causes and public concern with cancer there has been real progress in incorporating the public health aspects of medical service in the teaching of diagnosis and treatment of the patient in hand.

When the medical student in the fourth year has had his vital statistics, his environmental sanitation and some comprehension that medicine as it may be practiced should include knowledge of the incidence and prevalence and preventability of disease among particular categories of the population, he should have an introduction to epidemiology, not only as a method inherent in the study and control of communicable diseases, but

as a science of the natural history of diseases and human disabilities as these express themselves among groups of persons, the mass phenomena of illness as human, social, communal, racial and national experience, not only its manifestations in the cell, the organ, the tissue or body of the particular patient but as it may be expected to appear to the statesman, the sociologist, the historian, the geographer and the anthropologist. Furthermore, the science and art of epidemiology should be revealed by examples of its use in measuring and to a large degree controlling the conduct of public services for health.

Wherever the medical graduate may settle for his career, he must be aware of the health status of his local community, state or nation, to become an understanding observer of morbidity, mortality and natality experience and of their relation to the well-being of his own professional clientele. These should be part of the subject matter to be presented under the title of epidemiology and public health service, preferably by a teacher matured in the practice of public health who has had personal responsibility within government for epidemiologic and administrative duties.

METHODS

As for the methods of teaching public health to medical students there are limitations but few novelties, for they will be found to be those familiar to medical educators from the beginning, namely description, demonstration, experiment, discussion, independent study and observation. The most serious inadequacies of much of the teaching have been the popular rather than a professional presentation of the subject matter by a series of lecturers concerned with promotional undertakings in restricted fields of health, the use of lectures almost exclusively, and these designed to inform and entertain the students rather than to supplement laboratory and practical contact with the actual services of public health by educational disciplines not previously included in the curriculum.

In the teaching of elementary, or shall we say basic, medical statistics, laboratory methods will give the soundest and most enduring results. Material can be drawn from many fields already familiar to the medical student. Class and section periods devoted to applying the simple mathematical disciplines required in the competent and responsible use of rates, trends, probabilities and chance variation will have to be combined with section conferences where the principles are explained and the student's understanding of them tested. The chief item of equipment beyond tables, chairs and the students' own slide rules will be multiple copies of such original records of phenomena as are likely to be assembled by the individual in laboratory or clinical practice, and such as are the basis of incidence, prevalence, morbidity, natality, mortality and other rates in common use in public health.

Examples of the futility of premature presentation of records of an insufficient number of cases to carry conviction pro or con are readily available. In a university medical school where there is a systematic annual medical examination of students and the teaching staff, and record of dispensary and infirmary services for a considerable body of men and women, something closely akin to community health statistics can be had over such periods of years as to be adequate for almost any of the needs for teaching medical statistics.

When environmental sanitation is dealt with in the second or third year of the medical curriculum there is a wide range of choice and opportunity for selection of methods and subject matter which will be determined largely by the teacher. Lectures there must be as the subject matter lends itself to methodical sequence of presentation. Class room illustration is relatively easy by the pictorial method of charts, slides, films and models. The choice of special importance will be in regard to excursions, visits to sanitary engineering installations, industrial plants, water works, pasteurization and other food establishments, and in respect to what is described as a sanitary survey of an area, district or community. Both of these teaching methods take an amount of time out of proportion to their educational results for medical students.

During the fourth year, when the student has clearly in mind the preventive aspects of the clinical branches of medical practice, the subject of epidemiology should be presented in a way to illustrate its usefulness in studying the natural history of disease and as a tool to serve the needs of the health officer, with which the physician in private or institutional practice is also intimately concerned.

There should be included at this time a brief description of the basic legal authority, the usual form of organization, the functions and the results of federal, state and local health services, together with explanation of the reciprocal legal and professional obligations in the interest of public health between the medical practitioner and the health officer.

TIME REQUIRED

There will be needed, preferably in the first year, not less than ten two or three hour periods of combined or consecutive lecture and laboratory work for medical statistics, in fairly close sequence rather than scattered over the whole academic year. There will be needed in the second rather than in the third or fourth year from ten to fifteen hours of lectures and class demonstrations on environmental sanitation. There will be needed in the third year as much as thirty hours of supervised observation of field and office functions of the local or state health department, including at least the bedside care, health education and control functions of the visiting and public health nurse, school health services and the sanitary, communicable disease and vital statistics services of the department of health. There will be needed in the fourth year thirty hours for lecture and discussion of epidemiology and the functions and results of public health service.

A total of ninety to one hundred and five hours spent on public health is sufficient to put into the medical curriculum that content necessary for the practitioner of medicine, fifty-three to fifty-eight hours being devoted to lecture periods and thirty-seven to forty-seven to field work.

It will be noted that there are not included in this teaching of public health such topics as medical economics or sociology, sickness or medical indemnity insurance, hospital or dispensary management, medical social service or welfare and relief functions of civil government, for which provision should be made, if at all, elsewhere in the medical curiculum.

A method used with especial success at the College of Physicians and Surgeons of Columbia University over the past twenty years to enlist the personal interest of each student in the application of the science of public

health to the problems which are of present concern to him is the guidance of the student in a study and report on some question of the preventability or prevalence of a disease, which the student chooses independently. The presentation of such reports before the class during the fourth year lecture periods on epidemiology and public health have been educationally productive to a high degree.

The joint medical and public health clinic as initiated and described by Leathers and Robinson at Vanderbilt University is another teaching procedure which should become as general as the clinical-pathologic conference.

One of the technical difficulties which the teacher of public health must try to overcome is that he cannot bring the student and the public, the community as a patient, face to face. He must avail himself of current reports, of epidemics, of administrative episodes or efforts at prevention and control, and evidence of success or failure to use the recommended procedures and resources to avoid disease, as these appear in official records and documents. The community as a patient or object of medical diagnosis and protection must be made real to the student.

SUMMARY

1. The purpose of teaching public health to medical students is primarily to make them so well acquainted with the group or social manifestations of disease and the methods of its prevention, and of the promotion of health by use of the medical sciences through government, that he will be a better physician and a more effective collaborator with the civil health authorities.

2. The content should include, beside the preventive and constructive health aspects of each of the basic science and clinical departments, the additional educational disciplines of medical statistics, environmental sanitation and epidemiology.

3. The methods should include, besides the lecture, conference and discussion, laboratory work in statistical practice, observation of public health services in field and office, individual study and report projects on the prevalence and prevention of disease, and study of such standard textbooks as those of Rosenau, Mustard or Smillie, and such periodical publications as bulletins and reports of public health departments.

Without teachers as qualified in the fields of biostatistics, sanitary science and epidemiology as are the faculty representatives of the other departments of the college of medicine, a university cannot assume that it has met with educational adequacy its obligation toward the student of medicine or to the public expecting preventive as well as curative services.

600 West 168th Street.

Cancer.—At one time chimney sweeps headed the list of cancer death rates. This is no longer the case, mainly because they had been able to adopt higher standards of cleanliness. But their death rate from cancer is still far above the average. Fifty years ago the chimney sweep's black skin was regarded as a joke. We now realize that if a sweep has to live in a house without proper washing arrangements he is probably condemned to death from a particularly unpleasant kind of cancer. Gas workers are affected in a rather similar way. The substances in soot and oil which cause cancer were isolated by Professor Kennaway of the London Cancer Hospital; and his colleague Cook discovered their exact composition. It is now possible to test lubricating oils for their presence.—Haldane, J. B. S.: Science and Everyday Life, New York, Macmillan Company, 1940.

EARLY DIAGNOSIS OF MALIGNANT METASTASES TO THE SPINE

A CLINICAL SYNDROME

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LOS ANGELES

Adequate roentgen therapy of malignant metastatic lesions often produces such dramatic relief of pain and such remarkable regression of the lesions that the evaluation of early findings related to pain, erythrocyte sedimentation rate and serum phosphatase level is worthy of discussion and clarification.

Since roentgen ray therapy is the only hope for successful treatment, an early diagnosis becomes imperative. The feeling of many physicians concerning the possibilities of an early diagnosis and the successful treatment of demonstrable malignant metastases to the spine has been, unnecessarily, one of pessimism and futility. Our observations disclosed certain constant features attending metastatic lesions in the vertebrae. An accurate diagnosis can be made long before roentgen ray evidence is present. The constant features mentioned suggest a syndrome based on (1) the character of the pain, (2) the changes in the erythrocyte sedimentation rate and (3) the level of the serum phosphatase.

EVALUATION OF ROENTGEN RAY DIAGNOSIS

In most patients osseous lesions become massive and widespread before they become roentgenologically apparent. The reasons for this are evident after a study of roentgen ray density of bone is made. Snure and Maner [1] have shown that practically all of the spongiosa of a vertebral body can be replaced by metastatic tissue without evidence of the lesion demonstrable by means of roentgen rays. They have also shown that there is no roentgenologically detectable difference in density of bone until at least 1 sq. cm. of the cortex is destroyed. Even then the lesion is not apparent unless the central rays pass through the long axis of the defect. This explains Lawton's [2] failure to obtain positive roentgen evidence in involved bones removed at autopsy, because in no instance had the cortex been destroyed. As recently as 1938 he [2] stated that the diagnosis of metastases to bone could not be made without positive roentgen evidence and that when permission for autopsy is refused the diagnosis can never be confirmed. This is true only if roentgen diagnosis is used to the exclusion of all other diagnostic methods.

It is obvious from the foregoing statements that when roentgen evidence of metastasis is demonstrable the lesion is advanced and probably diffuse and the optimum time for treatment has passed.

From the Medical Clinic of the Cedars of Lebanon Hospital.

Presented before the staff meeting of the Cedars of Lebanon Hospital May 15, 1940.

Dr. Jacob Abowitz and Dr. C. K. Emery of the roentgenologic service, gave cooperation which made this study possible.

Drs. Wolfson and Reznick are clinic assistants at the Cedars of Lebanon Hospital; Dr. Gunther is adjunct physician to Cedars of Lebanon Hospital and assistant clinical professor of medicine, College of Medical Evangelists.

1. Snure, Henry, and Maner, G. D.: Roentgen Ray Evidence of Metastatic Malignancy in Bone, Radiology **28**: 172 (Feb.) 1937.

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VALUE OF THE ERYTHROCYTE SEDIMENTATION RATE

The value of the erythrocyte sedimentation rate in various conditions [3] is too well known to warrant comment here. However, its correlation with the presence of metastatic lesions has received relatively scant attention. Schiller [4] has stated:

> If a malignant growth be removed operatively, the sedimentation rate should return to normal within six weeks if complete removal has been obtained. If the rate returns to normal and remains normal at least six months, one may give a guardedly favorable prognosis. If the rate becomes abnormal within this time, it is suggestive of local recurrence of the growth or metastasis.

In a series of 62 carefully studied case histories Kaump, Heck and Bannick [5] showed a remarkable correlation between metastatic involvement of bone and increase in erythrocyte sedimentation rate. In the case reports of Swenson and Holzman [6] and Kaump, Heck and Bannick [5] and the Cabot case 24301,[7] the diagnostic value of an increased sedimentation rate is further emphasized. It was the only positive laboratory finding in obscure diagnostic problems in which, finally, roentgen or autopsy studies proved the presence of metastatic lesions of the bones.

VALUE OF STUDIES OF SERUM PHOSPHATASE

A significant finding in cases of metastases to bones is an elevated phosphatase content of the blood serum. Excellent discussions of the changes in the serum phosphatase in other conditions may be found in the reviews of various authors.[8]

When roentgen studies are of diagnostic value two types of lesions are encountered: (1) evidence of increased osteoblastic activity, as indicated by localized areas of increased density due to increased calcification;[9] (2) localized rarefaction, indicating increased osteolytic and osteoclastic activity with decalcification.

With metastatic lesions of bone which result in increased, localized calcification (increased osteoblastic activity) the serum phosphatase levels are almost always elevated.[10] With destructive (osteoclastic) lesions, while the serum phosphatase values may be normal they are frequently elevated.[11]

EVALUATION OF PAIN

Pain, as with tumors of the spinal cord and its nerve roots,[12] is often the earliest, most outstanding and most compelling symptom of spinal metastasis.[13] This pain has definite recognizable characteristics. It is a root, or radicular, pain. It is almost always limited to definite segments, or dermatomes, supplied by the nerve roots exiting through the foramens formed by the involved vertebrae. The pain is aggravated by coughing, sneezing, yawning, straining at stool, bending movements of the spine or sudden jarring of the body.

The similarity of this pain to the root pain of arthritis of the spine is so great that these two conditions have frequently been confused.[14] However, a careful analysis will usually reveal distinct differences:

1. In arthritis the painful root zones cover wide areas and include several dermatomes. Thus the patient outlines a wide zone of radicular distribution. More than one area may be painful simultaneously. Thus the cervical roots covering the entire shoulder girdle and outer side of the arm may constitute one region. A wide zone of root pain may also be present over the abdomen and back between the xiphoid and the umbilicus, with radiation to the back. Or the entire precordium may be included in a wide root zone on the left side of the chest and back.[15] Contrariwise, the root pains associated with early metastatic lesions of the vertebrae occur in very narrow zones, limited to two roots or possibly one root. Thus the zone of radiculitis, or the painful zone, is confined to a relatively narrow area supplied by the nerve roots adjacent to the vertebra or vertebrae that are involved. The limitation of the pain is so sharply defined that (as in our case 2) the narrowness of the painful area might easily be mistaken for a localized intercostal myositis or neuralgia.

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2. Arthritic pains have a periodicity and rhythmicity which depend on mechanical factors, associated with movements of the spinal column, and meteorologic conditions, such as sudden changes in the weather. The root pain of metastatic lesions is constantly present and unmitigatingly intense and is not influenced by climatic changes.

3. The person with arthritis who suffers root pain is constantly turning and changing his position in bed because motion affords relief. The sufferer with metastatic lesions is reluctant to move or turn once he finds a comfortable position in bed, because motion aggravates the pain. If he cannot find a comfortable position in bed he may pace the floor or do his sleeping upright in a chair, as do many patients with nerve root and cord tumors.

An outstanding difference between the radiculitis of arthritis of the spine and that due to metastatic lesions is the presence or absence of localized tenderness to percussion over the spinous processes. In the former condition deep percussion over the spinous processes of the suspected vertebrae does not elicit local tenderness and pain. In the latter condition percussion tenderness is a constant sign. The superficial hyperesthesia of the skin, which is best elicited by pinching or by light pressure anywhere within the painful spinal segment, must not be confused with the deep tenderness elicited by percussion (see table).

Patients with Pott's disease or other destructive processes of the bodies of the vertebrae (excluding Charcot's disease) may exhibit percussion tenderness, but their condition is easily differentiated from metastatic lesions by characteristic history and physical stigmas.

Important Differential Findings in Spinal Metastasis and Spinal Osteoarthritis

	Spinal Metastasis	Spinal Osteoarthritis
Distribution of peripheral pain	Usually limited to narrow zones of one or two nerve-roots' distribution	Usually covers a large number of spinal dermatomes, with wide areas of distribution
Periodicity and rhythmicity of pain	None; constantly present and intense; relief only by roentgen ray therapy	Influenced by meteorologic conditions; relief by analgesics, vitamin B_1 and physical therapy
Effect of motion on the pain	Aggravates and intensifies the pain; patient shows reluctance to move once a relatively comfortable position is attained	Tends to relieve the pain; patient is constantly turning and changing position because motion affords relief
Deep percussion tenderness	Percussion tenderness over the suspected vertebrae is a constant sign	Percussion tenderness is not present; cutaneous sensitivity may be present
Sedimentation rate	Increased, usually greatly so	Not increased
Serum phosphatase	Increased, or increasing; above 4 Bodansky units	Not increased

REPORT OF CASES

CASE 1.—*Diagnostic value of root pain with localized tenderness to percussion, an elevated phosphatase level and a rapid sedimentation time.*

L. L., a white woman aged 73, first appeared at the medical clinic in January 1938, complaining of a mass in the right breast. Her history included pain in the lower part of the back of three years' duration. The pain was not severe; there was no radiation, and at varying intervals the pain would spontaneously subside.

The mass in the breast proved to be a scirrhous carcinoma. Roentgenologic investigation revealed no evidence of metastasis to bone. The patient refused surgical intervention and was treated with radium.

She was symptom free until May 1939, when she complained of severe and constant pain in the lumbar region, which radiated bilaterally to the outer sides of the hips and thighs. Percussion over the lumbar region revealed a sharply localized area of deep tenderness over the second and third lumbar vertebrae.

The serum phosphatase level was 11.8 Bodansky units (the upper limit of normal is 4.0 Bodansky units in our laboratory), and the erythrocyte sedimentation rate was 12 mm. in fifty-four minutes (Linzenmeyer: normal 12 mm. in one hundred and twenty minutes). Three weeks later the serum phosphatase level was 15.1 Bodansky units and the sedimentation rate remained at 12 mm. in fifty-five minutes. Roentgen ray studies did not show metastases. However, in view of the aforementioned findings a positive clinical diagnosis of metastatic involvement of the second and third lumbar vertebrae was made.

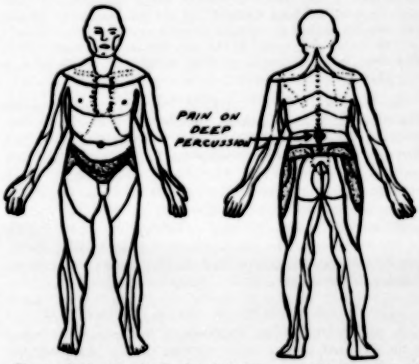

Fig. 1.—Subjective pain distributed in narrow radicular zone of dorsal root 12 and lumbar root 1. Localized tenderness to deep percussion was present over the spinous process of the upper lumbar vertebrae.

In July 1939 definite roentgen ray evidence of an osteoblastic type of metastatic lesion of the second lumbar vertebra was reported. The patient received roentgen irradiation and experienced relief of her symptoms. By March 1940 she was feeling well. The deep tenderness to percussion and the radiculitis were gone. The serum phosphatase level had fallen to 8.6 Bodansky units. The sedimentation rate had returned to 12 mm. in one hundred and twenty minutes.

CASE 2.—*Diagnostic value of root pain with localized tenderness to percussion and an elevated sedimentation time.*

T. S., a white woman aged 43, entered the medical clinic in September 1937, complaining of a mass in the left breast. This proved to be an adenocarcinoma with axillary metastases. Roentgenograms of the bones showed no metastases.

After preoperative irradiation a radical mastectomy and removal of the axillary glands was performed in January 1938. This was followed by postoperative irradiation.

In January 1939 the patient complained of pain in the posterior portion of the neck. The pain was constant and severe and continued, with negative results of serial roentgen studies until May 1939, at which time a pain in the left side of the chest became localized anteriorly at the level of the fourth interspace. There was deep percussion tenderness over the first three dorsal vertebrae. The sedimentation rate was 12 mm. in eighteen minutes. In spite of the negative roentgen findings a diagnosis of spinal metastasis was made.

By June 1939 there was pain also in the anterior right portion of the chest at the level of the fourth interspace radiating around to the back. The pain was severe, constant and aggravated by motion and coughing. Roentgen ray studies were again negative.

In August 1939, seven months after the initial appearance of the symptoms, roentgen study revealed a pathologic fracture of the sixth rib on the left side and compression of the third dorsal vertebra.

The patient was placed in an institution and died in November 1939. An autopsy was not done.

CASE 3.—*Diagnostic value of an elevated phosphatase level of the blood and a rapid sedimentation time.*

R. S., a white woman aged 47, who had a known carcinoma of the breast, came to the clinic Oct. 9, 1939, because of severe dyspnea and increasing weakness of two weeks' duration.

Examination revealed her to be obese, weak and dyspneic. Many petechial and large hemorrhagic areas of the skin were present. The mucous membranes of the mouth bled easily on light pressure.

The patient was admitted to the Cedars of Lebanon Hospital the same day. Laboratory examination revealed severe anemia and thrombopenia. A diagnosis of metastasis to bone marrow was made. The serum phosphatase level was 18.6 Bodansky units; the erythrocyte sedimentation rate was 12 mm. in nineteen minutes. Serial roentgen ray studies of the bones, however, constantly gave negative results. The patient died three weeks after admission.

Autopsy (performed by Dr. M. Pizer) revealed diffuse metastases to the bone marrow, including that of the spine.

CASE 4.—*Diagnostic value of root pain with localized tenderness to percussion, an elevated sedimentation time and increasing levels of serum phosphatase.*

S. S., a white woman aged 45, came to the clinic because of a mass in the breast. This proved to be a scirrhous carcinoma. A radical mastectomy was performed in July 1936, two weeks after the tumor was first observed at the clinic. The patient was given a complete course of postoperative irradiation.

In January 1937 there was no evidence of recurrence or metastasis. The patient felt well and gained so much weight that a reducing regimen became necessary.

The patient remained well until March 1939, when she complained of severe pain, localized in the right shoulder and most intense at the joint. There was deep tenderness over the biceps and deltoid regions. The usual measures used in treatment of arthritis offered no relief. The pain remained severe and constant. Roentgen studies gave negative or doubtful results. The sedimentation rate was 12 mm. in eighteen minutes. In spite of the negative results of roentgen examinations, a positive diagnosis of metastasis to the head of the humerus was made.

In July 1939 a roentgenogram revealed an osteoclastic type of lesion involving the head of the humerus. The serum phosphatase level was found to be normal (2.3 Bodansky units).

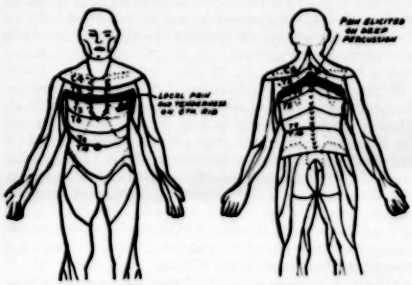

Fig. 2.—Subjective pain distributed in narrow radicular zone of dorsal roots 3 and 4. Localized tenderness to deep percussion was present over the spinous process of the upper three dorsal vertebrae. An area of subjective pain and of local tenderness to pressure was present over the sixth rib seven months before the roentgen examination disclosed a pathologic fracture.

In October 1939 the serum phosphatase level was 3.1 units. The patient was receiving roentgen irradiation, which was followed by relief of the symptoms and regression of the lesion.

Dec. 21, 1939, the patient complained of pain in the lower portion of the back with radiation along the course of the second lumbar nerve. There was deep percussion tenderness over the second lumbar vertebra. The results of roentgen examination were negative; the sedimentation rate was 12 mm. in twenty-nine minutes; the serum phosphatase level was 4.8 units. A clinical diagnosis of metastasis to the spine was made. The patient received radiation treatment.

The patient was admitted to the hospital because of continuation of symptoms. Roentgenograms revealed metastases to the lower portion of the spine and to the pelvis. The sedimentation rate was 12 mm. in twenty-two minutes, and the serum phosphatase level was 6.0 units.

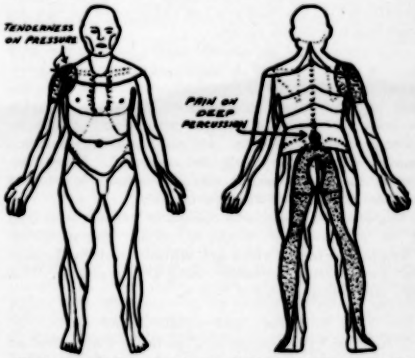

Fig. 3.—Area of subjective pain over shoulder joint and localized points of tenderness to pressure. Subjective pain of radicular distribution was present over the second sacral root and localized tenderness to deep percussion over the lower lumbar vertebrae.

Under roentgen treatment the patient's symptoms improved. However, the sedimentation rate remained elevated at 12 mm. in twenty-nine minutes, while the serum phosphatase level dropped to 4.2 units.

COMMENT

The diagnosis of metastases to bone prior to the appearance of roentgen evidence has been difficult. Too often have spinal lesions had to await positive diagnosis by the roentgenologist or the autopsy surgeon. This has been true even in the presence of a known primary lesion and a clinical picture suggestive of metastases. Early roentgen ray therapy is such an important agent in the relief of symptoms, regression of the lesion and the prolongation of life that a means of early diagnosis of metastases is imperative.

Modification of the hemogram[16] has been used as a diagnostic aid, but modifications of the blood are not sensitive enough for early diagnosis and are only to be seen when metastases are quasitotal.[17]

The erythrocyte sedimentation rate is not subject to such limitations. The change in rate appears as a sensitive reaction to the presence of a new growth and reaches a maximum quickly. The rate does not increase further with increasing involvement of the bone marrow.[5] It is evident that the change in the sedimentation rate is an early, rapidly appearing, constant and dependable sign and is not appreciably influenced by coexisting anemia.[18]

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Pain may appear long before positive roentgenologic evidence of a metastatic lesion. This is particularly true in the spine. Involvement of the nerve root itself is not necessary to produce radicular pain. Any part of the vertebral body, its projections or the soft tissue coverings may give rise to root pain.[19] A lesion not detectable in a roentgenogram may cause sufficient irritation to be reflected via the spinal nerve roots as pain months before the roentgen ray evidence of an osseous bone lesion becomes visible.

The presence of an elevated serum phosphatase level is very suggestive of a malignant process in bone. Woodard and Craver [20] found elevated serum phosphatase levels in many patients with symptoms referable to bone, although no changes were demonstrable by means of roentgen rays. In some of their patients, lesions were subsequently demonstrated. They concluded that a persistently elevated serum phosphatase level is indicative of invasion of bone.

We feel that whenever a malignant lesion is suspected it is important to perform serial determinations. Phosphatase levels which are within the normal range but ones which are steadily rising are significant. This was demonstrated in our case 4.

SUMMARY AND CONCLUSIONS

From our experience with 7 patients, 4 of whom we have described, we feel that an early and definite diagnosis of spinal metastases can be made in spite of negative roentgenologic evidence. Basing our contention on the reports of alterations of the erythrocyte sedimentation rate, the serum phosphatase levels attending metastatic osseous lesions and our own observations on the character of the radicular pain, we suggest the following triad for an early diagnosis of spinal metastases: (1) the presence of radicular pain, in narrow zones, sharply limited to one or two spinal nerve roots, associated with localized tenderness to deep percussion over the spinous processes of the vertebrae which form the foramens of exit for the nerve roots of the painful dermatomes; (2) an accelerated erythrocyte sedimentation rate, and (3) an increase in the serum phosphatase level.

Two rules governing the early diagnosis of malignant spinal metastases are formulated, as follows:

1. If a patient has an unsuspected primary malignant lesion, the presenting symptom is radicular pain: (*a*) The pain varies from the usual type of arthritic root pains, as described; (*b*) the erythrocyte sedimentation rate is greatly accelerated; (*c*) the serum phosphatase level is increased; (*d*) there is no obvious clinical explanation or demonstrable cause for these changes.

The possibility of the existence of a malignant lesion with spinal metastases must command serious and diligent attention.

2. If a patient has, or has had, a proved primary malignant lesion, the presenting symptom is radicular pain, as described previously. An elevated sedimentation rate and/or an elevated or rising serum phosphatase level are present. A diagnosis of malignant metastases to the spine may be made irrespective of negative roentgenologic findings.

19. Kellgren, J. H.: On the Distribution of Pain Arising from Deep Somatic Structures, with Charts of Segmental Pain Areas, Clin. Sc. **4**: 35 (June 5) 1939. Gunther and Kerr.[9]

20. Woodard, H. Q., Craver, L. F.: Serum Phosphatase in the Lymphomatoid Diseases, J. Clin. Investigation **19**: 1 (Jan.) 1940.

EARLIER DIAGNOSIS OF SUBACUTE STREPTOCOCCUS VIRIDANS ENDOCARDITIS

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Of 150 consecutive adult patients with subacute Streptococcus viridans endocarditis coming to the medical service of the Peter Bent Brigham Hospital in the period March 31, 1913 to Aug. 31, 1939 the majority arrived at the hospital without a correct diagnosis, or the correct diagnosis had been made by a consultant only shortly prior to hospital admission. It was unusual for the correct diagnosis to have been made by the general practitioner in charge of the patient during an illness which already had lasted for several to many weeks. From a study of the records of 150 patients it would seem that relatively few general practitioners are aware of the usual early clinical picture of bacterial endocarditis caused by Str. viridans; their unawareness leads them to fail to suspect the presence of this disease at a time when the correct diagnosis should have been quite obvious, certainly obvious enough to suggest getting a blood culture as one of the important steps toward obtaining the correct diagnosis and to suggest a special search for the important clinical evidences of such a disease.

Early diagnosis has become all the more important now that there is available chemotherapy which makes cure a possibility, provided Str. viridans vegetations are not too large and are not organized at the time treatment begins, for under the latter circumstances many of the bacteria will be situated away from the blood stream and relatively inaccessible to chemicals circulating in it. If the vegetations are small and unorganized, the chance of cure by chemotherapy will be enhanced greatly. Consequently early diagnosis has become an important adjunct to successful treatment. To accomplish this, it will be necessary for the general practitioner to know the symptoms and signs of developing Str. viridans endocarditis and be on the watch for their appearance in his patients, particularly in those who have the background on which such development should be expected.

What is the clinical picture that should suggest to the practitioner Str. viridans endocarditis in its developing or early stage? It is a composite resultant from the effects of one major constant, two major variables and a varying number of minor variables, the last relatively unimportant in making up the clinical picture. The three major factors appear in almost every case, but the variables, as a rule, come in the later stages of development of subacute Str. viridans endocarditis, while some feature of the major constant, with few exceptions, inaugurates the illness.

The major constant in this type of endocarditis is toxemia of rather low grade as would be expected from the action of a bacterium of slight virulence, as is Str. viridans. It is a toxemia which tends always to make its appearance gradually and to progress slowly, in contrast to what usually happens in other infectious diseases. However, the majority of patients can fix definitely the time at which they noticed that they were no longer in normal health.

This study was aided by a grant from the Milton Fund of Harvard University for the purpose of examining the accumulated clinical records of the Medical Service of the Peter Bent Brigham Hospital.

Patients expressed themselves variously in regard to what they noticed first, using such terms as malaise, easy fatigue, loss of energy, loss of "pep," unexplained tiredness, loss of strength, "all in" feeling and loss of vigor. Such expressions were used by 70 (46.66 per cent) of the 150 patients to describe their first departure from normal. Many of these, too, said they had felt feverish, had had chilly sensations or actually had had fever as registered by a thermometer during the early days of the illness; 77 (52.66 per cent) of the 150 had noted some form of malaise or some evidence of fever or both at the onset, while 28 more (a total of 71.33 per cent) had had these symptoms in the early days of their illness. Many of these patients spoke of having had, in the beginning, a "cold" that "hung on."

Next in frequency at onset were complaints of joint or muscle pains, one or the other or both, by 41 of the 150 patients, while 23 more had joint or muscle pains early in the course of the disease—a total of 64 patients (42 per cent) with muscle or joint pain at or near the onset of illness; to many patients these joint and muscle pains or aches were part of a "cold" or "grippe," as they termed it. Nausea or loss of appetite was noted at onset or early by numerous patients (24, or 16 per cent), and for most of these loss of weight was spoken of; in an occasional patient rapid loss of weight was striking. This may be, in a rare instance, the only complaint during the earlier days. Headache was complained of by 11 patients as a symptom of onset.

The symptoms so far enumerated can be considered evidences of toxemia, and it is the rare patient who does not comment on some one or several of these as his first symptom or symptoms. It is the toxemia symptomatology which so often leads the physician in charge to make such mistaken diagnoses as typhoid, tuberculosis, influenza, undulant fever or malaria and, when there are joint pains, rheumatic fever. The persistence of these symptoms for more than one week with no positive evidence of other disease certainly should suggest to the physician the possibility of bacterial endocarditis, particularly in the patient with physical signs of chronic valvular heart disease.

Joint or muscle pains in the early stage of subacute Str. viridans endocarditis are confusing. There may be in some patients even warmth, redness or swelling about the joints, and often several joints at once or in succession are involved. These disturbances naturally suggest rheumatic fever, all the more so because many of the patients have had past attacks of rheumatic fever. It is uncertain whether to consider this phase of the disturbance as rheumatic fever precipitating or complicating what subsequently is obvious, namely that the patient has bacterial endocarditis, or whether to regard it as part of the aches and pains of a general toxemia caused by the bacterial vegetations. As I have watched patients with subacute Str. viridans endocarditis the latter explanation seems to me more appropriate for most of them, particularly since those forms of therapy which usually relieve the arthralgia and arthritis of rheumatic fever generally are not effective, and clinically what is seen is not just typical of rheumatic fever, the fever and malaise being out of proportion to the joint changes. Furthermore, during the course of toxemic manifestations joint and muscle pains may recur, sometimes several times, this suggesting, too, that the condition is part of the toxemia and is not rheumatic. In not a few patients careful study reveals that the disturbance is in the bones and not in the joints. Still, in some instances it may be that the patient has had a recurrence of rheumatic fever. When in one of these patients the appearances of rheumatic fever come, it is well to apply antirheumatic therapy promptly and thoroughly but to remain skeptical of that being the whole story and continue to make every effort to prove or disprove the presence of bacterial endocarditis. What is going on should be apparent relatively soon.

In an occasional instance, what is termed a "cold" or "head cold," especially if followed by cough, may be an infection antedating the bacterial endocarditis, possibly even serving as the portal of entry of Str. viridans, rather than a symptom of the toxemia of the endocarditis. The condition with the diagnosis of influenza, often made by patient or physician at the onset, clearly is, in most cases, only an indication of toxemia; if it persists, toxemia certainly is the situation.

The two major variables in the clinical picture of subacute Str. viridans endocarditis are derived from embolic phenomena or from the effects of preexistent or coexistent chronic valvular heart disease or congenital anomaly of the heart. Embolic phenomena may appear at any time, but ordinarily not in the early days of the disease; lesions of the heart valves or congenital heart disease may cause no part in the clinical picture until the later stages, although few patients with these disorders die without evidence of cardiac decompensation; chronic passive congestion of the liver or other organs is found almost always on postmortem examination.

Among the embolic phenomena that may be noted by the patient early in, or even at the onset of the illness are paralyses from cerebral embolism (these occurred nine times in the 150 cases at Peter Bent Brigham Hospital), abdominal pain from infarction of the spleen or, possibly, kidney (six times), painful finger or toe tips (eleven times) and petechiae (five times). Other embolic phenomena appear less frequently. In some patients such embolic phenomena seem to have been the evidence of onset, although, as a rule, toxemic symptoms antedate the embolic phenomena by a few days at least, and it is rare for them not to accompany the embolic phenomena, although these often are so striking as to divert the patient's attention from toxemic symptoms which he has had. In many instances the physician observes evidence of embolic phenomena not noted by the patient or discovers symptoms of them as the result of questioning the patient.

Dyspnea, especially dyspnea on exertion, is the sign of cardiac insufficiency noted most often by the patients I have studied. Dyspnea is much more frequent than is generally believed in patients with developing subacute Str. viridans endocarditis. Among the 150 patients at the Peter Bent Brigham Hospital 22 had a history of dyspnea antedating any evidence of the bacterial endocarditis, 10 gave dyspnea as a symptom of onset and 15 more reported its development in the early days of the disease; thus 47 patients (31.33 per cent) had dyspnea as one of their early symptoms.

Just how early in the development of this form of endocarditis positive blood cultures of Str. viridans can be obtained I have no way of knowing. In these 150 cases the etiologic diagnosis was made by finding Str. viridans; in 139 in blood cultures during life, in 11 at necropsy; in the latter, blood cultures made during life were negative on one or several occasions. However, in none of these cases were blood cultures made actually early in the course of the disease.

During the same period of time (1913-1939) 16 additional patients with history, physical signs and

course of disease after admission to the hospital in every way analogous to those just enumerated failed to yield positive blood cultures. The clinical diagnosis of subacute bacterial endocarditis seemed fully justified for these, but the causative organism could not be identified. Presumably some of these were cases of subacute Str. viridans endocarditis, but not necessarily so, since in the period covered at the Peter Bent Brigham Hospital there were 11 cases presenting a similar clinical picture in which blood cultures showed the gonococcus three times, Staphylococcus aureus once, staphylococcus not further identified twice, Staphylococcus albus four times and an unidentified pleomorphic bacillus once.

It is noteworthy that of 177 consecutive patients with the clinical diagnosis of subacute bacterial endocarditis the illness of 150 was demonstrated to be caused by Str. viridans, and in only 16 no bacterium could be demonstrated. Staphylococci came next to Str. viridans as causative agents, being found in 7 patients.

If the symptoms as described in previous paragraphs appear in patients who have had a history of rheumatic fever or who have or have shown in the past the physical signs of aortic insufficiency without a positive Wassermann reaction or aortic stenosis or mitral stenosis, or who have signs of congenital heart disease, the probability of subacute bacterial endocarditis is great, and it is likely that the causative organism is Str. viridans.

Whenever early symptoms, as just enumerated, appear, blood cultures should be made and, if not positive, repeated at intervals of a few days. Furthermore, embolic phenomena should be searched for carefully. If the blood culture is positive or embolic phenomena are found, the diagnosis of bacterial endocarditis is justified, and chemotherapy should be commenced. Even if neither of these is present, continuance of symptoms and fever without positive evidence of other disease causing prolonged fever justifies a tentative diagnosis of bacterial endocarditis and inauguration of chemotherapy. It seems wiser to treat early for a mistaken diagnosis than wait for positive evidence of the disease and miss the opportunity to apply chemotherapy in an early stage of vegetation formation, when success in treatment is likely.

SUMMARY

1. Since patients with subacute Str. viridans endocarditis so often come to the hospital without a diagnosis or with a wrong diagnosis, it is apparent that relatively few practitioners are aware of the usual early clinical picture of this disease.

2. The chief early symptoms in the 150 patients I have examined resulted from toxemia; they were complaints indicative of (*a*) malaise and fever in 52.6 per cent of cases at onset and 71.3 per cent at onset and in the early days of the disease; (*b*) joint or muscle pains in 42 per cent at or near onset, and (*c*) nausea or loss of appetite in 16 per cent at onset and in the early days of the disease.

3. If these symptoms appear in a patient known or found to have evidence of chronic valvular or congenital disease of the heart and persist for more than one week without the development of evidence of other definite disease, the probability of bacterial endocarditis is great.

4. If in these patients embolic phenomena appear or a blood culture is positive, a definite diagnosis of bacterial endocarditis should be made.

5. If the condition referred to in either of the foregoing two paragraphs occurs, appropriate chemotherapy should be begun at once.

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FACTORS CONTRIBUTING TO THE DEVELOPMENT OF HYPERTENSION

IN PATIENTS SUFFERING FROM RENAL DISEASE

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Since Goldblatt and others have succeeded in producing hypertension in animals through the mechanism of renal ischemia there has been a revival of interest in the question of the renal factor in essential hypertension. Some writers on the subject have been inclined to disregard previous fundamental work concerning the background of hypertensive disease in human beings and to attribute all essential hypertension primarily to the operation of a renal mechanism. Others have attributed, in cases of essential hypertension, a primary etiologic role to a renal lesion which might have been coincidental. Hypertension occurs in approximately 15 per cent of all persons and in probably a third of all persons more than 50 years of age; consequently, it could be expected that by chance alone there could be found a relatively high incidence of hypertension in any group of persons suffering from renal disease. Furthermore, instances of long-standing renal disease can be encountered in patients who do not have hypertension or who have low blood pressure; also, instances of long-standing severe hypertension are encountered in which there is no evidence of renal disease. The only instances in which there is direct evidence that the renal factor may be primarily responsible for essential hypertension in man are in the group of cases reported by Butler [1] and by Barker and Walters [2] and others in which the blood pressure of the patients returned to normal or near normal values after the removal of a unilaterally diseased kidney. However, in some of these cases the removal of the diseased kidney did not result in relief of hypertension, and in others the blood pressure subsequently returned to previous high values. Such observations suggest that there are factors of importance other than the diseased kidney in hypertension associated with renal disease.

TABLE 1.—*Relationship Between Blood Pressure on Patient's First Visit and That on Patient's Last Visit in Cases of Atrophic Pyelonephritis*

Case	Family History, Hypertension	Interval Between First and Last Visit, Years	Duration of Symptoms, Years	Blood Pressure, Mm. of Hg: First Visit Systolic	First Visit Diastolic	Last Visit Systolic	Last Visit Diastolic
1	Negative	11	17	125	75	110	70
2	Positive	12	11	110	78	105	70
3	Negative	15	11	110	78	110	72
4	Negative	20	1	110	60	110	68
5	Negative	20	3	130	80	124	90
6*	Positive	11	6	140	90	210	140
7*	Negative	13	16	145	98	160	110
8*	Positive	15	21	130	94	190	130
9*	Positive	19	1	130	95	195	160

* Hypertension on patient's last visit.

From the Division of Medicine, the Mayo Clinic (Dr. Hines).

1. Butler, A. M.: Chronic Pyelonephritis and Arterial Hypertension, J. Clin. Investigation **16**: 889-897 (Nov.) 1937.

2. Barker, N. W., and Walters, Waltman: Hypertension Associated with Unilateral Chronic Atrophic Pyelonephritis: Treatment by Nephrectomy, Proc. Staff Meet., Mayo Clin. **13**: 118-121 (Feb. 23) 1938.

One of us [3] has reported on a follow-up study of 1,522 patients who usually had a normal blood pressure and who had returned to the Mayo Clinic ten or twenty years after their first visit. The conclusions derived therefrom were based on a comparison of the original blood pressure as recorded on the patient's first visit to the clinic and the presence or absence of hypertension when the patient was reexamined after ten or twenty years. It was found that the majority (70.4 per cent) of the patients who had an original elevation in systolic and diastolic blood pressures into the upper range of normal (140 to 160 systolic and 85 to 100 diastolic, expressed in millimeters of mercury) had hypertension subsequently (ten or twenty years later), whereas only a small number (3.4 per cent) who originally had blood pressures in the lower range of normal had hypertension subsequently. When the records were being considered for the selection of a group of cases for study it was noted that there were a number of patients with various urologic conditions who had returned to the clinic ten or more years after their first visit. These patients were not included in the group whose histories were originally studied. In view of the confusing situation concerning the importance of the renal factor in essential hypertension, already mentioned, it seemed worth while to make a study of the group of patients who had urologic disease, a study similar to that which had been carried out in the group of patients without urologic disease. The present report concerns the study of 264 patients suffering from various urologic conditions who had returned to the clinic ten or more years after their first visit. The average interval between the first and the last visit was fifteen and three-tenths years. The initial reading of the blood pressure of all these patients was less than 160 mm. of mercury systolic and 100 mm. diastolic. The majority had an initial blood pressure of less than 145 mm. systolic and 90 mm. diastolic. The term "subsequent hypertension" as used in this paper implies that one or several readings of the blood pressure were obtained at the time of the last visit of the patient, at which time the systolic blood pressure was more than 160 and the diastolic pressure was more than 100. In the majority of patients there was also accompanying evidence of hypertension in the changes observed in the ocular fundi.

SUMMARY OF DATA

The total number of patients with urologic disease was 264. The average age (for the series) at the time of the first visit was 38.8 years. The different types of urologic diseases encountered were as follows: chronic pyelonephritis 110 instances, renal stones 38, chronic glomerular nephritis 26, infection of the urinary tract (with normal shadows in the urograms) 26, renal tuberculosis 18, renal neoplasms 16, polycystic kidneys 9, atrophic pyelonephritis 9, hydronephrosis 7 and solitary cyst of the kidney 5 instances. The diagnoses in our series of cases were based on clinical data; consequently, the data on the basis of which the patients were grouped as to the types of urologic disease they had were influenced by personal interpretation. However, all the patients had undergone a thorough examination, and unless there was reasonable certainty and agreement as to the diagnosis they were not included in our series. In 35.5 per cent of the series operation had been performed and the clinical diagnosis had been confirmed. That the group of patients in whom hypertension subsequently developed had a significant degree of hypertension is indicated by the fact that on their last examination approximately 65 per cent had a systolic blood pressure of more than 175 and a diastolic blood pressure of more than 110, expressed in millimeters of mercury.

In table 1 is presented an analysis in detail of the group of patients who had atrophic pyelonephritis. It will be noted that those patients who originally had a low blood pressure did not suffer from hypertension subsequently, whereas in those who originally had an elevated blood pressure hypertension did develop. The known duration of the disease had no relationship to the subsequent development of hypertension. A similar type of study was made of the series of patients as a whole. In table 2 is shown the relationship between the subsequent development of hypertension and the blood pressure on the patient's first visit, according to the extent of the renal lesion in the whole series, and in table 3 is shown the same relationship, according to the known duration of the disease in the whole series. It is obvious from these tables that in our series of cases the subsequent development of hypertension is more closely related to the height of the blood pressure on the original examination than to the extent of the renal lesion or the known duration of the urologic disease. This holds true for all the different groups with urologic disease which we encountered, with the exception of that comprising patients who had polycystic kidneys, in which group 2 of 3 patients who originally had a low blood pressure subsequently began to suffer from hypertension.

In addition to the study of the relationship between the type, extent and duration of the urologic disease

TABLE 2.—*Relationship Between Blood Pressure on Patient's First Visit and That on Patient's Last Visit, According to Extent of Renal Involvement in Whole Series*

First Visit; Blood Pressure, Mm. of Hg	Group 1*			Group 2†			Group 3‡		
	Number of Patients	Hypertension, Last Visit: Number	Hypertension, Last Visit: Percentage	Number of Patients	Hypertension, Last Visit: Number	Hypertension, Last Visit: Percentage	Number of Patients	Hypertension, Last Visit: Number	Hypertension, Last Visit: Percentage
Between: 140 and 160 systolic, 85 and 100 diastolic	12	9	75.0	29	21	72.4	41	33	80.4
Less than: 140 systolic, 85 diastolic	20	3	15.0	75	10	13.3	87	16	18.4

* Group 1, patients with infection of the urinary tract; normal urograms.
† Group 2, patients with unilateral renal disease.
‡ Group 3, patients with bilateral renal disease.

TABLE 3.—*Relationship Between Blood Pressure on Patient's First Visit and That on Patient's Last Visit, According to Known Duration of Disease in Whole Series*

First Visit; Blood Pressure, Mm. of Hg	Onset Before First Visit: Number of Patients	Onset Before First Visit: Hypertension, Last Visit: Number	Onset Before First Visit: Hypertension, Last Visit: Per Cent	After First Visit: Number of Patients	After First Visit: Hypertension, Last Visit: Number	After First Visit: Hypertension, Last Visit: Per Cent
Between: 140 and 160 systolic, 85 and 100 diastolic	26	22	84.6	56	41	73.2
Less than: 140 systolic, 85 diastolic	63	11	17.5	119	18	15.1

3. Hines, E. A., Jr.: The Range of Normal Blood Pressure and the Subsequent Development of Hypertension: Follow-Up Study of 1,522 Patients, J. A. M. A. **115**: 271-274 (July 27) 1940.

and the subsequent development of hypertension, an attempt was made to analyze the hereditary factor. Although it was recognized that the series was not large enough for a conclusive study, the incidence of a positive family history of hypertensive cardiovascular disease on the patient's original visit was approximately five times as great among the group who had subsequent hypertension as it was among the group who did not have subsequent hypertension. This incidence is similar to the observations concerning the same subject of other investigators working with larger series of patients suffering from essential hypertension.

TABLE 4.—*Relationship Between Blood Pressure on Patient's First Visit and That on Patient's Last Visit: Comparison of Patients Having Urologic Disease with Those of the Control Series*

First Visit; Diastolic Blood Pressure, Mm. of Hg	Series with Urologic Disease, 264 Cases: Number of Patients	Hypertension, Last Visit: Number	Hypertension, Last Visit: Per Cent	Control Series, 700 Cases: Number of Patients	Hypertension, Last Visit: Number	Hypertension, Last Visit: Per Cent
Less than 70	30	2	6.6	110	0	0
70 to 74	34	4	11.7	144	2	1.4
75 to 79	32	2	6.5	93	4	4.3
80 to 84	63	12	19.0	187	13	7.0
85 to 89	24	13	54.1	110	63	57.3
90 to 94	29	19	65.5	101	67	65.0
95 to 100	52	40	76.9	43	37	86.0

A comparison was made, in regard to the blood pressure on the patient's original examination and the subsequent development of hypertension, between the series of patients who had urologic disease and the series of patients who did not have urologic disease previously studied. There was a striking coincidence of data in the two series (tables 4 and 5). Furthermore, when the age factor was considered there was found no significant difference in the incidence of subsequent hypertension between the series of patients who had urologic disease and the control series.

TABLE 5.—*Relationship Between Blood Pressure on Patient's First Visit and That on Patient's Last Visit: Comparison of Patients Having Urologic Disease with Those of the Control Series*

First Visit; Blood Pressure, Mm. of Hg	Series with Urologic Disease, 264 Cases: Number of Patients	Hypertension, Last Visit: Number	Hypertension, Last Visit: Per Cent	Control Series, 700 Cases: Number of Patients	Hypertension, Last Visit: Number	Hypertension, Last Visit: Per Cent
Between: 140 and 160 systolic, 85 and 100 diastolic	82	63	76.8	120	99	82.5
Less than: 140 systolic, 85 diastolic	182	29	15.9	670	87	12.9

COMMENT AND SUMMARY

The results of our study show that in a series of 264 patients who had various types of urologic diseases those patients who had a high normal blood pressure on their original visit were four to five times as likely to have hypertension subsequently as were those who had a low normal blood pressure, regardless of the type or extent of the urologic or renal lesion and regardless of whether the onset of symptoms of the disease of the urinary tract occurred before or after the original blood pressure reading. In respect to the correlation between the original blood pressure and the subsequent development of hypertension there was little difference between the series of patients suffering from urologic disease and a control series of persons who had no renal or urologic disease. Furthermore, as far as could be determined on the basis of a study of the family histories of our patients, heredity plays a similar role in the development of hypertension associated with renal disease and in many instances of essential hypertension. We do not interpret our data as constituting a denial that renal disease may have been a contributing factor to the development of hypertension in some of our patients. However, these data do seem to cast some doubt on the importance of renal disease in producing hypertension in the series as a whole and call attention to the importance of exercising caution in attributing a role of primary importance to a renal lesion simply because it is found in a patient who has hypertension. Our study demonstrates that factors concerning the control of blood pressure which are inherent in each person may be of similar importance in the development of hypertension when there is an associated renal disease as in the development of hypertension when no renal disease is present. The presence or absence of these inherent factors may explain why hypertension develops in some patients who have a certain type of renal disease, whereas in other patients who have a similar type and extent of renal disease hypertension does not develop.

Clinical Notes, Suggestions and New Instruments

CORONARY SCLEROSIS IN HEAD INJURIES

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This case is presented because it is pertinent to industrial medicine. Fishberg [1] states that transient monoplegias may be the result of disturbed circulation of the brain, but White [2] mentions that vertigo, faintness and syncope are rarely symptoms associated with heart disease. However, Barnes [3] states that in these cases death may occur on exertion and that previous electrocardiograms may have failed to reveal evidence of coronary disease. In 1937 Willius [4] reviewed 700 cases of coronary sclerosis and stated that in only 7 per cent was paroxysmal dyspnea manifested. The relation of heart disease is not commonly associated with injuries to the head, yet in reviewing a medicolegal case Russem [5] remarks that "the courts were not as much concerned with the pathology present as with the possible relation of the accidental injury to the onset of heart failure regardless of the condition of the heart before the injury." Therefore we feel that this presentation may be of value to physicians who attempt to evaluate disabilities.

REPORT OF CASE

A. S., a white man aged 58, fell from a ladder Feb. 7, 1938, suffering loss of consciousness and a linear fracture in the left temporal area of the skull. He apparently made a recovery after three weeks of bed rest but complained of pain in the temples, shortness of breath, dyspnea and inability to sleep. On April 18 a neurologic examination gave negative results.

1. Fishberg, A. M.: Hypertension and Nephritis, Philadelphia, Lea & Febiger, 1931, p. 538.
2. White, P. D.: Heart Disease, New York, Macmillan Company, 1931, p. 29.
3. Barnes, A. R.: Coronary Sclerosis as an Insurance Problem, in Collected Papers of the Mayo Clinic and the Mayo Foundation, Philadelphia, W. B. Saunders Company, 1934, vol. 26, pp. 581-587.
4. Willius, F. A.: The Protean Manifestations of Disease of the Coronary Artery, New Orleans M. & S. J. **80**:143-147 (Sept.) 1937.
5. Russem, B. C.: Some Medical-Legal Aspects of Heart Disease, Nebraska M. J. **24**:181-185 (May) 1939.

Examination of the cerebrospinal fluid, electrocardiographic studies and roentgenograms of the skull were negative. However, his symptoms persisted, although he attempted to work, and because of negative examinations he was not considered to be disabled. Jan. 22, 1940, he suddenly lost consciousness while climbing a stairway and was dead on arrival at the hospital ten minutes later. Autopsy revealed no evidence of cerebral injury, and a careful scrutiny of the skull failed to establish evidence of the old fracture. However, it is an accepted fact that fractures of the skull are healed and not discernible within several months after an injury. The examination of the heart revealed coronary sclerosis with occlusion.

SUMMARY

The case of head injury presented here was the result of a cerebral ischemia. In spite of negative neurologic, electrocardiographic and physical examinations, these symptoms were undoubtedly the result of cardiac and not of cerebral disorders.

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TRAUMATIC RUPTURE OF THE SPLEEN: AN UNUSUAL FOOTBALL INJURY

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Trauma to the abdomen and especially to the left renal region not infrequently produces rupture of the spleen. I have seen a number of cases and in some the severity of the injury was out of all proportion to the mildness of the trauma. In a review of the literature I could find only one case in which rupture of the spleen followed a football injury. This case was reported by George Armitage in the *British Journal of Surgery*.[1]

REPORT OF CASE

R. B., a white youth aged 17, was admitted to the hospital the night of Oct. 10, 1939, because of abdominal discomfort. He gave a history of having had malaria five years previously.

The onset of his present condition dated to the night of October 6, when he was struck in the left upper quadrant of the abdomen while playing football. He was completely knocked out, his color was pale and his pulse was thready; he was carried from the field. On the following day he made the trip home with the team, a distance of 250 miles. He had no complaints but lacked his usual energy. During the next day, Sunday, he remained quietly at home, and the family noticed that he had lost his appetite. On Monday he returned to school as usual and that afternoon reported for football practice. He went through the routine signal drill, being apparently perfectly well. The following afternoon while in scrimmage he was again struck in the abdomen and suffered agonizing pain on the left side and pain in the left shoulder. He was sent to the hospital, where he was given a hypodermic injection of morphine and an ice bag was applied to the abdomen. Because of the pain in the left shoulder an injury to the shoulder or chest was suspected and a roentgen ray examination was made. This failed to reveal any evidence of injury to the bones or to the chest. There was no evidence of air beneath the diaphragm, and the diaphragms were normal in position. I was called in consultation the following morning on account of his continued abdominal discomfort.

On physical examination the patient was apparently healthy with good muscular development; he was lying quietly in bed. He complained of some, though not extreme, abdominal discomfort. He also complained of pain in the left shoulder. Examination of the shoulder girdle gave negative results. The abdomen was slightly rigid and there was slight general abdominal tenderness. There was definite point tenderness in the left costovertebral angle. There was some tenderness along the left costal margin. There was no evidence on physical examination of any fluid in the abdomen. The spleen could not be palpated nor could the liver be felt. A tentative diagnosis of intra-abdominal hemorrhage probably due to a ruptured spleen was made.

The pulse rate on admission was 80 a minute and when I first saw him it was 94. The temperature was normal. The blood count made at the time of my examination showed a hemoglobin content of 83 per cent, 4,040,000 red cells and 16,900 white cells, of which 89 per cent were neutrophils. The Schilling count of the leukocytes was 3 per cent juveniles, 8 per cent stab cells and 78 per cent segmented cells. The urine, except for a faint trace of albumin and acetone, was normal. During the afternoon his pulse rate varied from 82 to 86 a minute and the rectal temperature had risen to 100 F. A blood count made the same afternoon revealed 80 per cent hemoglobin, 4,300,000 red cells and 13,350 white cells, of which 84 per cent were neutrophils. The Schilling count was practically unchanged. The patient was given 1,000 cc. of 5 per cent dextrose solution intravenously by the drip method and the abdomen prepared for operation should it become necessary.

The following morning (the second hospital day) his pulse varied from 80 to 90 a minute and the rectal temperature remained 100 F. His blood count, however, had fallen. The hemoglobin content was now 70 per cent, red blood cells 3,880,000 and white cells 12,800. At noon he showed definite evidences of intraperitoneal hemorrhage. The hemoglobin content was now 66 per cent, red cells numbered 3,670,000 and immediate operation was advised. This was done through a high left rectus incision. The abdomen was full of blood. When the spleen was delivered it was apparent that it had been torn completely through and the tear extended into the splenic pedicle. The pedicle was hastily clamped and ligated and the spleen removed. The clotted blood was removed from the abdomen and the incision closed.

Complete tear through the spleen and the organized clot fixed to the torn surface of the larger fragment. Other tears in the splenic capsule are evident.

Immediately after the operation the patient was given 1,000 cc. of blood by the citrate method. He reacted well and made a nice recovery, leaving the hospital fourteen days after the operation. His blood count at the time of dismissal showed a hemoglobin content of 77 per cent, 4,530,000 red cells and 9,900 leukocytes with a normal differential count. At present he is perfectly well.

COMMENT

The question naturally arises as to what part if any the previous malarial infection played in predisposing to splenic rupture. The size of the spleen was normal for a boy of his physical development. Pathologic examination of the spleen revealed nothing except the tears.

This case is interesting for two reasons: first, that the injury was sustained while the boy was playing football and, second, because of the length of time which elapsed from the moment of injury until definte signs of internal hemorrhage appeared. The latter can be explained, I think, on the following basis: At the time he was first hurt the spleen was torn, but the blood coagulated and sealed off the bleeding surfaces. (Examination of the removed spleen showed an old organized blood clot covering the splenic pulp.) This clot was so adherent to the torn surface of the spleen that it could not be easily dissected away. Following his second traumatism I think that the tear in the spleen was reopened and at this time the pedicle was torn.

614 Heyburn Building.

1. Armitage, George: Traumatic Rupture of the Spleen Involving the Pedicle—Complete Recovery: A Rare Rugby Football Injury, Brit. J. Surg. **17**: 335 (Oct.) 1929.

Council on Pharmacy and Chemistry

REPORTS OF THE COUNCIL

THE COUNCIL HAS AUTHORIZED PUBLICATION OF THE FOLLOWING STATEMENT AND REPORT. OFFICE OF THE COUNCIL.

MENADIONE, NONPROPRIETARY TERM FOR THE SUBSTANCE 2-METHYL-1, 4-NAPHTHOQUINONE

Following the work of a number of distinguished investigators on the identity and synthesis of a vitamin K preparation, there was offered to the medical profession by many firms the synthetic 2-methyl-1, 4-naphthoquinone, which possesses vitamin K-like actions. Three firms have asked the Council to coin a nonproprietary name for the substance.

In canvassing possible acceptable terms, it was found that a number of them either conflicted with the rules of scientific nomenclature or were trademarked names. The Committee on Nomenclature submitted informally to Dr. E. J. Crane, chairman of the Committee on Nomenclature of the American Chemical Society, the possibility of the term "methnaphone." Dr. Crane replied that his committee was of the opinion that it would be better to avoid the ending "-phone" or "-quinone," as the latter was preempted by many trade names. As a counter suggestion, Dr. Crane and his associates offered the term "menadione."

On recommendation of the Committee on Nomenclature, the Council has adopted the term "menadione" (pronounced mĕ-nā-di-one) and has authorized its use as a nonproprietary name to describe the substance 2-methyl-1, 4-naphthoquinone.

PREGNENINOLONE AND PRANONE
(Schering Corporation)

Pregneninolone, a derivative of testosterone, possesses the ability to induce progestational changes in the uterus of animals and human beings when administered by mouth. Progesterone itself has but little activity by the oral route; by injection it is three to six times as potent as pregneninolone by mouth. Owing to the ease of administration, it appears that pregneninolone, in the appropriate doses, would have a significant advantage over progesterone for therapeutic purposes when sufficient clinical evidence will indicate that progesterone therapy is reliable and worth while. The properties of pregneninolone are, however, not identical with those of progesterone. For example, unlike progesterone, it is slightly estrogenic.[1] One is therefore not entitled to assume, without adequate proof, that the therapeutic results obtained with progesterone can be expected from pregneninolone because one of its several activities simulates progesterone. The clinical reports on treatment with this substance are few. Hamblen and his co-workers[2] have claimed some success in treating menometrorrhagia with estrogens followed by pregneninolone. Frank[3] has recently reported the use of pregneninolone in the treatment of various ovarian dysfunctions. He has obtained results in the treatment of dysmenorrhea which are moderately satisfactory, but this investigator admits that therapy in dysmenorrhea is difficult to evaluate, since patients respond to a certain extent to most forms of endocrine therapy. The number of cases of habitual abortion treated by Frank are too few to afford a basis on which to draw conclusions.

The Council has received copies of unpublished reports on the use of pregneninolone in habitual abortion in which gratifying results were reported. The information on these patients is, indeed, interesting; but the evidence presented seems to be of the same type reported for progesterone several years ago, which, in the opinion of the Council, is still inconclusive in demonstrating that progesterone is of proved effectiveness in treating threatened and habitual abortion. There was no evidence of objective nature such as has been reported by Browne and his co-workers and Buxton on the pregnandiol determinations in spontaneous abortion. While these results are indications of promise in this therapy, considerable further evidence is required before pregneninolone can be assumed to be of value in the treatment of spontaneous abortion. There is a definite lack of investigation on the action of pregneninolone on the human uterus or its fate in the body and the proper dosages in therapy.

The Council is of the opinion, therefore, that therapy with pregneninolone is still in its preliminary phases and that its effectiveness has not been established as yet in such a manner that physicians can depend on the preparation to produce satisfactory results in the appropriate conditions. It must be pointed out that this substance was placed on the market over a year ago and that physicians were induced to use this substance on the advertising claims of the firm, as there was a distinct lack of evidence in the scientific literature. In view of this fact, the Council believes that it is obliged to inform the physician of the need for further investigations with this preparation. It should be used, for the present, only by specialists in this field. Schering Corporation markets a preparation of pregneninolone, termed Pranone, and recommends its use for all conditions which are claimed to respond to progesterone administration. These advertising claims of Schering Corporation for Pranone are considered unwarranted at the present time.

As the available evidence on the clinical use of pregneninolone, an "oral progesterone," is inconclusive, pregneninolone, which is marketed in this country as Pranone (Schering Corporation), is not acceptable for inclusion in New and Nonofficial Remedies.

1. In the human being it is claimed that its action is exclusively progestational.

2. Hamblen, E. C.; Powell, N. B.; Cuyler, W. K., and Pattee, C. J.: Oral Use of Pregneninolone in Functional Menometrorrhagia, Endocrinology **26**: 201 (Feb.) 1940.

3. Frank, R. T.; Goldberger, M. A., and Felshin, Gertrude: Clinical and Laboratory Investigations of Some of the Newer Sex Hormone Preparations, Endocrinology **27**: 381 (Sept.) 1940.

NEW AND NONOFFICIAL REMEDIES

THE FOLLOWING ADDITIONAL ARTICLES HAVE BEEN ACCEPTED AS CONFORMING TO THE RULES OF THE COUNCIL ON PHARMACY AND CHEMISTRY OF THE AMERICAN MEDICAL ASSOCIATION FOR ADMISSION TO NEW AND NONOFFICIAL REMEDIES. A COPY OF THE RULES ON WHICH THE COUNCIL BASES ITS ACTION WILL BE SENT ON APPLICATION.

OFFICE OF THE COUNCIL.

LIVER EXTRACT U. S. P. SUBCUTANEOUS (STEARNS).—A purified aqueous concentrate of the antipernicious anemia factor from fresh, edible mammalian (equine) livers to which has been added 0.4 per cent phenol as a preservative. The daily subcutaneous or intramuscular administration of 2.5 cc. (one ampule) has been found to produce the standard reticulocyte response defined as 1 U. S. P. unit (injectable) when assayed in cases of pernicious anemia as required by the Council.

Actions and Uses.—Liver extract U. S. P. subcutaneous (Stearns) is used in the treatment of pernicious anemia during relapse and for the maintenance of normal health in patients with pernicious anemia. See general article Liver and Stomach Preparations, New and Nonofficial Remedies, 1940, p. 320.

Dosage.—For the average adult patient in relapse, one or more injectable units daily. The maintenance dose should not be less than 2.5 cc. (1 U. S. P. injectable unit) daily.

Manufactured by Frederick Stearns & Co., Detroit. No U. S. patent or trademark.

Ampules Liver Extract, U. S. P. (Subcutaneous)-Stearns, 2.5 cc.

Vials Liver Extract, U. S. P. (Subcutaneous)-Stearns, 10 cc.

Liver Extract U. S. P. Subcutaneous (Stearns) is prepared from livers selected from healthy animals, U. S. government inspected, and as free from fat as possible. The livers are finely ground and extracted several times with water. The PH is adjusted to 5.4, and partial coagulation of the proteins is accomplished by heating to 85-90 C. The filtrate is concentrated in vacuo at a low temperature. Elimination of much of the protein material is obtained by the addition of alcohol and filtration at low temperature and pressure. After filtration, precipitation of the potent fraction is obtained by the addition of large volumes of alcohol. This potent material is taken up in water, the alcohol removed in vacuo and the PH adjusted to 6.5. The volume of each lot of extract is determined by clinical results obtained in the use of that lot in suitable patients with pernicious anemia. After the addition of 0.4 per cent phenol, the extract is filtered in a Berkefeld filter and filled into ampules and vials and sterilized.

HOSPITAL SERVICE IN THE UNITED STATES

TWENTIETH ANNUAL PRESENTATION OF HOSPITAL DATA BY THE COUNCIL ON MEDICAL EDUCATION AND HOSPITALS OF THE AMERICAN MEDICAL ASSOCIATION

Table of Contents

	Page
Summary of Hospital Data	1055
Growth of Hospitals 1900-1940	1057
Percentage of Beds Occupied	1058
Analysis of General Hospitals	1057
General Hospital Beds per Thousand Population (Map)	1058
Occupancy in General Hospitals (Map)	1059
Hospital Facilities by States and by Control (Table 1)	
Governmental	1061
Nonprofit Associations	1062
Proprietary	1063
Total Nongovernmental	1063
Hospital Facilities by States and by Type of Service (Table 2)	1064
Hospital Service According to Types of Service and Agencies Censored	1071
Births in Registered Hospitals	1076
Departments of Pathology	1076
Departments of Radiology	1076
Facilities for Negro Patients	1076
Supply and Utilization of Beds in General Hospitals	1057
Registration and Approval	1057
Internships, Residencies and Fellowships	1057
Vacancies in Intern Hospitals	1068
Necropsy Performance	1068
Classification of Residencies	1070
List of Specialty Boards	1069
List of Registered Hospitals	1085
Editorials	
Use and Misuse of Hospital Statistics	1145
Interns — Supply and Demand	1145
Increasing Hospital Costs	1147

The total number of beds now available in registered hospitals is 1,226,245, an increase of 31,219 beds, which is the equivalent of an 85 bed hospital for each day of last year, Sundays and holidays included, not forgetting it was leap year.

The amount of hospital facilities per unit of population continues its steady increase; the demand per unit of population likewise is growing.

The capacity of registered hospitals has practically doubled since 1918 and trebled since 1909.

The hospitals that are approved for internships, residencies and fellowships have greater capacity than all of the hospitals that were in existence in 1909.

In response to the annual census form which was mailed to all the hospitals that appear in the Register, reports were received from all but fifty-six institutions, a record of 99.1 per cent. The response on the basis of bed capacity was 99.8 per cent.

The average number of beds idle throughout the year was 200,074, as compared with 198,543 for the year 1939.

General hospitals were occupied to 70.3 per cent of capacity as compared with 69.2 per cent the preceding year. The average number of idle beds in general hospitals in 1940 was 137,200. In 1939 it was 136,956. The types or groups of hospitals in which there was

SUMMARY OF HOSPITAL DATA

	Number	Beds	Bassinets	Patients Admitted in 1940
1. Registered hospitals and sanatoriums approved for internships, residencies and fellowships	1,039	445,086	28,056	5,317,302
2. Other registered hospitals, sanatoriums and related institutions	5,252	781,159	33,883	4,770,246
Total registered	6,291	1,226,245	61,939	10,087,548
Of the foregoing, the American College of Surgeons approves	2,261	652,684	41,697	7,495,283

	Number
3. Refused registration after investigation (capacity 18,444)	545
4. Unclassified emergency stations, clinics, offices, cottages, and so on, with facilities for bed care (capacity unknown)	2,441
5. Prospective hospitals and sanatoriums:	
a. Opened. Registration pending	86
b. Under construction	52
c. Planned. Construction pending	109

The total number of registered hospitals is 6,291, an increase of 65 during the year.

The average census of patients was 1,026,171.

One person for every three and one-tenth seconds is the rate at which patients entered hospitals during the year 1940.

The total number of patients admitted by all registered hospitals in the United States was 10,087,548. This does not include the 1,214,492 babies that were born in hospitals during the year.

The general hospitals alone reported 1,163,694 births and the maternity hospitals 48,126.

The increase of admissions over the previous year is 208,304. The nonprofit hospitals, including churches, fraternities and other nonprofit associations, contributed 68,600 to this increase.

growth, and those which showed decline, are revealed in the summaries and tables included in this article.

The total patient days of hospital service for the year 1940 was 375,578,586, an increase over 1939 of 11,862,291. The number of patient days is obtained by multiplying the average daily census by 366.

During the year 1940 the Council on Medical Education and Hospitals at its three business meetings admitted to the Register 229 hospitals having an aggregate capacity of 9,629 beds and 1,120 bassinets. Included in the 229 were 174 general hospitals, 14 tuberculosis, 11 nervous and mental, 6 convalescent, 4 maternity, 3 cancer, 3 orthopedic, 3 for drug addiction, 3 children's, 3 hospital departments of institutions, 2 eye, ear, nose and throat, 2 for cardiac children, 1 proctology.

Of the net gain of 65 hospitals during the year, 27 are to be credited to governmental hospitals and 38 to nongovernmental. As to bed capacity, the former increased 28,543 and the latter 2,676. As to number of patients admitted, governmental hospitals increased from 2,734,375 to 2,869,004. Total nongovernmental increased in patients admitted from 7,144,869 to 7,218,544. In average census the net increase of governmental hospitals was 20,624, and the net increase in nongovernmental hospitals was 9,064.

In general, the number of hospitals, beds, bassinets, patients admitted and average census all increased in the groups of federal, state, county and city hospitals. There was a decline in these respects, however, in the city-county hospitals—that is, institutions operated jointly by the city and county.

Nonprofit hospitals increased in number from 2,840 to 2,901 and in bed capacity from 293,505 to 298,490. The nonprofit hospitals admitted 6,254,850 patients as against 6,186,250 for the previous year. The average census increased from 201,326 to 210,764.

Church related institutions lost three in number of hospitals but registered gains in beds and average census.

Proprietary institutions declined in number from 1,646 to 1,623 and showed a decline also in number of beds but a slight increase in the number of patients admitted. Corporations not restricted as to profit (proprietary) declined in number and in bed capacity but showed a slight increase in number of patients admitted. The number of individual and partnership hospitals dropped from 1,190 to 1,174.

ANNUAL CENSUS OF HOSPITALS

This is the twentieth annual census of hospitals by the Council on Medical Education and Hospitals. The first census that rendered information complete enough for practical use was in 1909, and that was followed by an occasional canvass of all hospitals, becoming annual in 1920.

In each annual census are certain standard questions such as number of beds, bassinets, births, patients admitted, average census of patients, also lists of staff doctors and interns. In addition to these perennial data, each questionnaire includes certain questions that are of importance at the particular time. Each succeeding questionnaire, therefore, is different from the preceding, and the tendency is for them to expand somewhat in length and complexity. The policy of the Council always has been to ask only for data that are important and to make use of all the information that is obtained. Thanks to the cooperation of hospitals, the response always approximates nearly 100 per cent. This year the response to the questionnaire was 99.1 per cent of number of institutions and 99.8 per cent of capacity.

The returns in this census were prepared for punch card tabulation.

The 1,039 hospitals that are approved by the Council for internships and for residencies in specialties received a questionnaire that is more comprehensive than the one used for all the other registered hospitals.

It is not necessarily true in all cases that the approved hospitals have essentially better equipment or give better care to patients, but because a hospital assumes the function of training interns and residents and is approved for that purpose it becomes necessary for the Council to check on the teaching facilities and functions in those hospitals in addition to the general information solicited from all other registered hospitals.

In the list of registered hospitals following this article the hospitals that the Council approves for intern training are marked with a five-point star (*) and those approved for residencies with a plus sign (+). Some detailed information regarding the hospitals approved by the Council are given on a later page under the heading of Internships, Residencies and Fellowships.

AMERICAN COLLEGE OF SURGEONS AND A. M. A. UNITE ON CENSUS BLANK

This year, for the first time, the questionnaires used by the Council represent a combination of the annual census blank of the American Medical Association and the annual questionnaire of the American College of Surgeons. Cooperation of the College and the Council was effected to reduce work of filling out questionnaires in the office of hospitals. It also facilitates the gathering of essential data required by the two cooperating organizations for their use and for the nation. Most of all, it reduces the confusion which exists when several organizations are working in the same field. The officials of the A. M. A. and the College, and their office staffs, worked together to design a questionnaire that would elicit more information with fewer questions and achieve greater uniformity and simplification in the use of terms. All the

Percentage of Beds Occupied

	1929	1933	1939	1940
According to Ownership or Control:				
Federal	76.8	75.0	82.8	79.5
State	94.6	94.5	94.2	94.4
County	80.7	85.8	85.3	85.0
City	74.3	81.0	80.0	80.5
City-county	80.2	75.5	74.9	65.5
Total governmental	88.9	90.1	90.4	89.8
Church	66.7	54.9	67.9	70.4
Fraternal	68.7	64.5	72.9	....*
Nonprofit associations	....	....	69.0	70.8
Industrial	54.2	44.4	....	....
Independent associations	65.9	58.5	....	....
Total nonprofit	....	....	68.6	70.8
Individual and partnership	54.2	41.1	50.0	52.0
Corporations (profit unrestricted)	....	....	61.0	62.5
Total proprietary	....	....	55.2	56.8
Total nongovernmental	61.6	55.3	66.4	68.5
According to Type of Service:				
General	65.5	59.9	69.2	70.3
Nervous and mental	95.7	95.1	95.2	95.1
Tuberculosis	82.7	85.3	86.2	85.6
Maternity	62.8	60.9	64.9	62.6
Industrial	54.6	44.2	50.5	52.9
Eye, ear, nose and throat	47.7	45.6	53.9	54.4
Children's	65.9	65.9	68.4	68.2
Orthopedic	80.2	76.9	74.6	76.5
Isolation	36.1	41.2	37.4	42.4
Convalescent and rest	70.9	69.2	78.8	77.7
Hospital departments of institutions	63.0	60.1	72.1	70.6
All other hospitals	74.6	79.3	83.0	79.9
Total all hospitals	80.1	78.8	83.4	82.7

* Fraternal classification discontinued. Transferred to nonprofit associations.

Hospitals Fully Approved by the American College of Surgeons in the United States

	Hospitals	Beds	Bassinets	Patients Admitted
1940	2,261	652,684	41,697	7,495,283
1939	2,155	549,695	36,805	7,066,593

hospitals that are fully approved as meeting the minimum standards of the American College of Surgeons are designated with a delta (*) in the list of registered hospitals published in a later section of this article.

*Supply and Utilization of Beds in General Hospitals Ranked According to Beds per Thousand Population**

State	Beds per Thousand Population	Per Cent of Occupancy	Group Average
Mississippi	1.5	65.5	62.4
Arkansas	1.8	62.6	
Kentucky	1.9	60.2	
Georgia	2.1	67.1	66.1
Tennessee	2.2	69.1	
South Carolina	2.3	70.0	
North Carolina	2.3	69.8	
Texas	2.4	59.4	
Alabama	2.4	67.8	
Indiana	2.5	68.4	
Oklahoma	2.5	59.6	
West Virginia	2.8	65.6	
Iowa	2.8	65.0	
Ohio	2.9	73.2	
Idaho	3.0	66.0	70.6
Virginia	3.1	68.7	
Missouri	3.2	72.2	
Florida	3.3	62.3	
New Jersey	3.4	70.7	
Utah	3.5	67.3	
Maine	3.5	73.4	
Nebraska	3.5	69.2	
Pennsylvania	3.5	71.4	
Illinois	3.6	74.3	
Kansas	3.6	63.5	
Louisiana	3.7	70.1	73.8
Connecticut	3.7	74.9	
Oregon	3.8	71.9	
Wisconsin	3.8	67.4	
South Dakota	3.9	58.2	
North Dakota	4.0	61.6	
Minnesota	4.0	71.3	
Rhode Island	4.2	75.3	
Michigan	4.2	71.6	
Delaware	4.2	58.9	
Vermont	4.2	68.1	
Maryland	4.2	73.9	
Washington	4.3	66.0	
New Mexico	4.4	56.0	
New York	4.5	78.3	
New Hampshire	4.6	62.8	
Arizona	4.9	64.4	
Colorado	5.1	64.5	70.0
Massachusetts	5.2	71.5	
Wyoming	5.2	49.2	
California	5.3	71.2	
Montana	5.6	64.6	
Nevada	6.2	67.6	67.6
District of Columbia	10.0	77.5	77.5

* Population—U. S. Bureau of Census—1940.

It should be understood that each organization has its own distinctive separate administration, requirements, inspections and approved lists. Approval of a given institution by one organization does not in any way affect the initiative and the responsibility of the other organization with regard to the approval of that institution. There is cooperation as to the joint questionnaire, correlation of inspection itineraries and mutual courtesy in the use of symbols to designate each other's approvals.

FACILITIES NOT IN THE REGISTER

The hospital facilities that are not printed in the list of registered hospitals might be summed up under two heads: first, those that have definite faults and practices such as are generally recognized as unethical or dangerous and that therefore need complete change of policy, and their number at the present time is 545. Their capacity, according to the latest available information, is 16,444, or less than two thirds of 1 per cent of the facilities furnished by the hospitals recognized in the Register.

A second class of facilities not appearing in the Register includes emergency stations, clinics, offices, and so on, with some facilities for bed care attached or available. The bed facilities in these institutions, usually spoken of as unclassified, is too variable to be known. They are recognized as ethical and valuable auxiliary facilities to the hospital system. Most of these unclassified facilities have three to ten beds each which are used as occasion demands. Some of them are sickrooms attached to small custodial institutions.

REGISTRATION AND APPROVAL

Registration of hospitals does not mean the same as approval. *Registration* means the inclusion of the hospital in the list published in the Hospital Number of THE JOURNAL and in the American Medical Directory. The Essentials of a Registered Hospital are employed in such a way as to raise the standards of hospitals and to point the way to better service.

Analysis of General Hospitals by Control

	Hospitals	Beds	Bassinets	Patients Admitted	Average Census
Federal	267	61,169	1,079	518,796	44,259
State	96	19,902	1,132	316,380	15,673
County	237	38,573	2,791	555,250	29,434
City	235	49,819	4,335	927,008	39,458
City-county	40	8,166	625	120,541	4,938
Total governmental, general	835	177,629	9,962	2,438,126	133,862
Church	872	108,490	17,410	2,629,585	73,424
Nonprofit associations	1,401	139,340	21,253	3,264,154	95,884
Total nonprofit, general	2,338	240,830	40,663	5,893,739	171,308
Individual and partnership	948	21,002	4,487	402,216	9,871
Corporations (profit unrestricted)	311	16,818	2,941	425,615	10,119
Total proprietary, general	1,259	37,910	7,428	887,831	19,990
Grand total, general hospitals	4,432	462,369	58,073	9,219,496	325,160

Approval, on the other hand, means specific endorsement of hospitals for educational purposes, the fitness for which is determined by observation, inspection and comparison with the definite requirements for the approval of hospitals for intern training and residencies.

The term *approved*, as used by the College of Surgeons, may be applied to those registered hospitals that meet the minimum standards of the College.

GROWTH OF HOSPITAL FACILITIES

The net increase in all hospital beds of 31,219 was shared by forty-three states and the District of Columbia, all of which showed a net increase. A slight decrease in the number of beds for the year was apparent in Idaho, Massachusetts, Nevada, North Dakota and Utah. In all these states, however, there was an increase in the number of patients admitted.

Conspicuous among the forty-three states showing an increase was California, which has 5,778 more beds than a year ago, a gain of 7.9 per cent. This increase is generally distributed to many hospitals of different

Summary of Growth of Hospitals, 1909 to 1940

Year	Federal Hospitals		State Hospitals		All Other Hospitals		Total	
	Number	Capacity	Number	Capacity	Number	Capacity	Number	Capacity
1909	71	8,827	222	180,049	4,056	223,189	4,359	421,065
1914	93	12,062	294	222,536	4,650	287,045	5,037	522,481
1916	110	18,815	308	262,254	4,910	331,182	5,328	612,251
1918	220	53,999	401	302,262	5,059	359,645	5,680	715,726
1929	294	61,705	495	399,759	5,963	461,410	6,752	902,904
1931	291	69,170	576	419,282	5,746	485,663	6,613	974,115
1932	301	74,151	588	442,601	5,698	497,602	6,582	1,014,354
1933	295	75,035	537	459,646	5,566	491,765	6,437	1,027,046
1934	313	77,865	544	473,035	5,477	497,201	6,334	1,048,101
1935	316	82,353	538	483,994	5,404	507,792	6,256	1,074,139
1936	323	84,234	534	503,205	5,342	509,181	6,199	1,096,721
1937	329	97,951	523	508,913	5,277	517,684	6,128	1,124,548
1938	330	92,248	523	541,279	5,313	527,832	6,166	1,161,360
1939	329	96,338	523	560,575	5,374	538,113	6,226	1,195,026
1940	336	108,928	521	572,079	5,434	545,238	6,291	1,226,245

GENERAL HOSPITAL BEDS PER THOUSAND POPULATION*—1940

Alabama	2.4	District of Columbia	10.0	Kansas	3.6	Minnesota	4.0	New Jersey	3.4
Arizona	4.9	Florida	3.3	Kentucky	1.9	Mississippi	1.5	New Mexico	4.4
Arkansas	1.6	Georgia	2.1	Louisiana	2.7	Missouri	3.2	New York	4.3
California	5.3	Idaho	3.9	Maine	3.5	Montana	3.6	North Carolina	2.3
Colorado	5.1	Illinois	3.5	Maryland	3.3	Nebraska	4.3	North Dakota	3.3
Connecticut	3.1	Indiana	2.6	Massachusetts	3.3	Nevada	6.3	Ohio	3.6
Delaware	4.3	Iowa	3.3	Michigan	4.3	New Hampshire	4.6	Oklahoma	2.5

Oregon	3.6	Utah	5.5
Pennsylvania	3.5	Vermont	4.9
Rhode Island	4.3	Virginia	2.1
South Carolina	1.9	Washington	4.3
South Dakota	3.3	West Virginia	2.6
Tennessee	2.3	Wisconsin	3.6
Texas	2.4	Wyoming	5.3

* Sixteenth Census of the United States: 1940.

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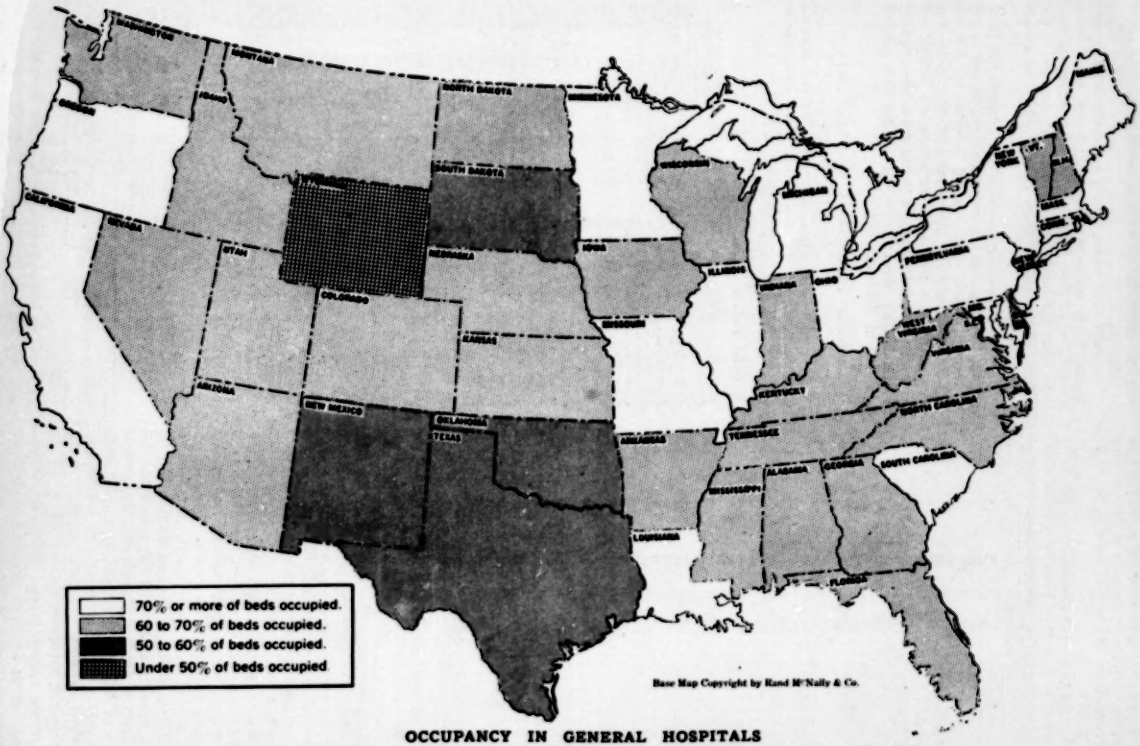
194



OCCUPANCY IN GENERAL HOSPITALS

The percentage of beds occupied in general hospitals during the year 1940, by states, were as follows:

Alabama	67.8	District of Columbia	77.5	Kansas	61.5	Minnesota	71.3	New Jersey	70.7	Oregon	71.9	Utah	67.3
Arizona	64.4	Florida	62.3	Kentucky	69.2	Mississippi	65.5	New Mexico	56.0	Pennsylvania	71.4	Vermont	68.1
Arkansas	62.6	Georgia	67.1	Louisiana	76.1	Missouri	72.2	New York	76.3	Rhode Island	73.5	Virginia	68.7
California	71.2	Idaho	66.0	Maine	73.4	Montana	64.6	North Carolina	69.8	South Carolina	70.0	Washington	68.0
Colorado	64.5	Illinois	74.3	Maryland	73.9	Nebraska	60.3	North Dakota	61.6	South Dakota	58.2	West Virginia	63.6
Connecticut	74.9	Indiana	68.4	Massachusetts	71.5	Nevada	67.6	Ohio	73.2	Tennessee	69.1	Wisconsin	67.4
Delaware	58.9	Iowa	65.0	Michigan	71.0	New Hampshire	62.8	Oklahoma	58.6	Texas	59.4	Wyoming	49.2

types throughout the state. North Carolina gained 1,790 beds in the year as the result, in part, of the opening of the new Veterans Hospital at Fayetteville, 310 beds, and the increase in capacity of Station Hospital, Fort Bragg, from 115 to 530 beds.

Departments of Pathology

	Total Hospitals	Have Departments of Pathology: Yes	No	No Answer
Alabama	91	82	8	1
Arizona	20	47	12	..
Arkansas	63	58	5	..
California	358	281	77	..
Colorado	100	80	19	1
Connecticut	83	72	11	..
Delaware	17	15	2	..
District of Columbia	29	25	4	..
Florida	101	88	12	1
Georgia	120	111	9	..
Idaho	42	39	3	..
Illinois	306	283	23	..
Indiana	135	119	16	..
Iowa	130	111	19	..
Kansas	119	107	12	..
Kentucky	99	90	9	..
Louisiana	74	70	4	..
Maine	62	57	5	..
Maryland	77	69	8	..
Massachusetts	248	223	25	..
Michigan	242	213	29	..
Minnesota	215	194	20	1
Mississippi	94	88	5	1
Missouri	147	132	14	1
Montana	62	49	13	..
Nebraska	96	90	6	..
Nevada	17	12	5	..
New Hampshire	43	41	2	..
New Jersey	167	149	16	2
New Mexico	56	51	5	..
New York	571	491	80	..
North Carolina	166	146	19	1
North Dakota	51	45	5	1
Ohio	253	227	24	2
Oklahoma	130	118	12	..
Oregon	72	60	12	..
Pennsylvania	354	314	40	..
Rhode Island	20	19	7	..
South Carolina	62	57	5	..
South Dakota	57	49	8	..
Tennessee	103	93	10	..
Texas	346	315	29	2
Utah	33	24	9	..
Vermont	31	26	5	..
Virginia	110	104	6	..
Washington	118	102	16	..
West Virginia	81	77	4	..
Wisconsin	226	185	41	..
Wyoming	29	25	4	..
Totals	6,291	5,538	739	14

The rate of gain in number of hospital beds for the thirty-one years from 1909 to 1940 was 25,974 a year. This is equivalent to a net gain of 71 beds for each day of the thirty-one years. The rate of gain has been remarkably steady over the entire period from 1909 to 1940, during which time the figures are available. For the first five years of that period, 1909 to 1941, the gain in hospital beds was at the rate of 22,283 beds a year, or 61 beds a day.

The classification heretofore carried as fraternal hospitals is being discontinued and does not appear in its accustomed column in table 1 B. Reasons for omitting this classification are: (1) The number of institutions and their volume of work have steadily declined to a figure scarcely more than 1 per cent of the total for the nonprofit group; (2) most of the institutions that were designated as fraternal hospitals no longer limit their services to fraternity members, as a rule. Most of them are not supported exclusively by a fraternity. They are, therefore, more correctly classified in the column of nonprofit associations.

Footings of the column headed Nonprofit Associations showing figures for years previous to 1940 are in this issue also augmented by figures formerly shown in the fraternal column for corresponding years.

PATHOLOGY DEPARTMENTS

Although pathologic service is expected as a part of hospital service, its presence as needed cannot be taken for granted.

Hospitals that report having pathology departments number 5,538, compared with 4,873 a year ago. There were 4,384 in 1936. The quality of departments may vary from the highest downward, but the aim of the census is to include in these figures only those owned by hospitals.

Here, as in radiology services, the physician in some regions must furnish his own pathologic service or get it through other than hospital laboratories for his hospitalized patients. Seven hundred and thirty-nine institutions said they have no laboratory facilities of their own, and fourteen gave no answer to the question.

The number of necropsies reported for all registered hospitals in 1940 was 119,902.

RADIOLOGY DEPARTMENTS AND RADIOTHERAPY EQUIPMENT

There are 5,303 affirmative replies to the question whether the hospital has its own x-ray department;

Departments of Radiology

	Total Hospitals	Have Departments of Radiology: Yes	No	No Answer	Equipped for Roentgen Therapy: Yes	No	No Answer
Alabama	91	81	9	1	23	52	16
Arizona	20	48	11	..	9	41	9
Arkansas	63	55	8	..	19	32	12
California	358	284	74	..	116	197	45
Colorado	100	78	22	1	26	61	13
Connecticut	83	56	26	1	22	59	2
Delaware	17	15	2	..	5	12	..
District of Columbia	29	22	7	..	14	14	1
Florida	101	86	14	1	32	50	19
Georgia	120	107	13	..	33	63	24
Idaho	42	37	5	..	4	33	5
Illinois	306	265	41	..	129	154	23
Indiana	135	111	24	..	53	69	13
Iowa	130	129	21	..	50	88	12
Kansas	119	104	15	..	44	65	10
Kentucky	99	86	13	..	31	58	10
Louisiana	74	69	5	..	25	37	12
Maine	62	56	6	..	13	40	9
Maryland	77	59	17	1	16	52	9
Massachusetts	248	202	45	1	79	152	17
Michigan	242	203	38	1	70	146	26
Minnesota	215	187	26	2	44	144	27
Mississippi	94	87	7	..	24	53	17
Missouri	147	122	24	1	54	82	11
Montana	62	50	12	..	13	42	7
Nebraska	96	85	11	..	33	55	8
Nevada	17	12	5	..	3	13	1
New Hampshire	43	40	3	..	14	26	3
New Jersey	167	136	30	1	52	96	19
New Mexico	56	48	8	..	10	40	6
New York	571	467	101	3	193	337	41
North Carolina	166	150	15	1	48	87	31
North Dakota	51	43	8	..	11	33	7
Ohio	253	204	45	4	80	144	29
Oklahoma	130	118	12	..	19	92	19
Oregon	72	60	12	..	11	53	8
Pennsylvania	354	280	65	..	130	165	30
Rhode Island	20	20	6	..	10	14	2
South Carolina	62	54	8	..	16	38	8
South Dakota	57	49	8	..	33	13	11
Tennessee	103	90	13	..	26	63	14
Texas	346	319	27	..	113	187	46
Utah	33	27	6	..	8	21	4
Vermont	31	25	6	..	7	22	2
Virginia	110	101	9	..	46	50	14
Washington	118	98	20	..	26	75	15
West Virginia	81	75	6	..	37	41	3
Wisconsin	226	170	55	1	53	151	22
Wyoming	29	26	3	..	5	19	5
Totals	6,291	5,303	968	20	1,963	3,631	697

968 answered no, and for 20 hospitals the facts are not known. There were 4,890 in 1939 and 4,589 in 1934.

Since the census covers all hospitals of every type and size there is a variety of radiology departments ranging from those fully equipped and adequately staffed to those institutions which do not afford the

TABLE 1.—HOSPITAL FACILITIES BY STATES AND BY CONTROL. A. GOVERNMENT HOSPITALS

Marginal No.	State	Federal Hospitals	Federal Beds	Federal Bassinets	Federal Patients Admitted	Federal Average Census	State Hospitals	State Beds	State Bassinets	State Patients Admitted	State Average Census
1	Alabama	6	2,743	6	14,074	2,232	6	6,796	..	5,833	6,515
2	Arizona	20	1,804	76	13,861	1,251	2	1,004	..	479	988
3	Arkansas	4	2,120	7	6,908	1,862	6	5,817	28	7,664	5,411
4	California	20	9,188	30	55,313	7,365	14	29,558	31	22,158	27,378
5	Colorado	6	2,150	13	9,251	1,636	8	5,317	20	7,965	4,873
6	Connecticut	2	335	..	2,313	212	14	10,527	7	5,989	9,773
7	Delaware	1	46	..	367	8	5	2,061	4	1,638	1,861
8	Dist. of Columbia	8	10,221	77	28,441	9,053	..	.....	..	.....	.....
9	Florida	5	1,094	..	9,712	932	6	5,906	7	4,561	5,558
10	Georgia	8	2,662	25	27,862	2,335	4	7,628	..	2,575	7,729
11	Idaho	3	363	4	1,806	269	3	1,619	..	451	1,531
12	Illinois	8	6,132	10	25,616	5,333	20	43,050	62	30,795	40,078
13	Indiana	4	2,109	4	5,928	1,922	18	14,305	38	18,072	13,461
14	Iowa	4	1,725	7	4,407	1,526	17	12,021	54	27,993	11,131
15	Kansas	7	1,729	13	13,396	1,212	12	8,338	32	11,716	7,638
16	Kentucky	7	2,519	15	8,542	2,118	7	7,599	3	3,854	7,254
17	Louisiana	4	1,807	8	11,805	1,475	10	12,001	286	107,190	10,725
18	Maine	4	440	1	3,803	351	6	4,370	..	1,039	4,207
19	Maryland	6	2,294	5	10,113	1,912	13	10,129	60	13,651	9,453
20	Massachusetts	8	3,779	15	9,740	3,077	27	33,934	52	18,882	32,883
21	Michigan	7	2,398	5	7,844	1,705	19	20,908	60	26,657	19,357
22	Minnesota	8	2,042	30	8,929	1,850	17	16,002	46	16,781	14,983
23	Mississippi	3	1,030	7	3,124	1,004	12	5,664	46	16,042	5,126
24	Missouri	5	1,777	6	9,109	1,528	12	12,308	8	10,333	10,809
25	Montana	8	436	35	6,790	316	2	2,188	..	696	2,142
26	Nebraska	4	370	9	3,785	298	9	6,325	32	6,101	5,935
27	Nevada	5	153	12	1,861	89	1	340	..	94	345
28	New Hampshire	1	152	..	578	43	3	3,099	..	776	2,955
29	New Jersey	4	2,429	6	3,793	1,418	16	17,023	5	6,315	16,405
30	New Mexico	15	1,431	65	11,333	996	6	1,327	5	1,529	1,130
31	New York	23	9,829	44	43,169	7,717	46	90,193	71	31,635	94,412
32	North Carolina	4	1,718	16	9,210	1,072	9	9,587	..	5,774	8,744
33	North Dakota	6	405	27	4,772	230	4	3,343	4	1,052	3,129
34	Ohio	7	3,158	205	14,095	2,714	23	28,408	37	23,807	27,455
35	Oklahoma	14	1,970	96	22,063	1,274	14	10,120	27	16,159	9,758
36	Oregon	6	1,392	14	4,642	1,165	9	6,298	30	12,019	5,953
37	Pennsylvania	6	3,445	2	15,779	3,007	33	32,888	163	42,903	31,400
38	Rhode Island	2	377	..	2,982	217	4	5,494	20	1,884	4,884
39	South Carolina	4	971	14	10,021	718	3	5,784	1	2,075	5,713
40	South Dakota	11	827	45	8,137	498	4	2,874	..	746	2,407
41	Tennessee	4	1,921	..	10,349	1,269	7	6,124	..	3,318	6,206
42	Texas	18	5,512	38	31,296	3,800	15	18,316	7	13,902	17,675
43	Utah	3	293	7	2,216	173	3	1,784	..	713	1,656
44	Vermont	2	319	2	2,290	269	5	1,023	..	656	1,524
45	Virginia	8	3,503	30	24,332	2,690	13	12,405	44	15,092	11,863
46	Washington	14	2,963	30	17,157	2,199	8	8,526	..	4,420	8,071
47	West Virginia	1	317	..	2,557	259	12	5,442	18	8,998	5,234
48	Wisconsin	4	1,575	16	6,645	1,393	10	5,458	27	17,867	5,087
49	Wyoming	4	1,036	12	4,231	771	4	1,178	12	2,545	1,069
50	Totals (1940)	336	108,928	1,089	557,137	86,604	521	572,079	1,347	583,274	539,904
51	(1939)	329	96,338	823	477,417	80,692	523	560,575	1,234	588,997	527,160
52	(1938)	330	92,248	772	445,891	75,470	523	541,279	1,127	549,637	512,839
53	(1937)	329	97,951	734	439,480	80,819	522	508,913	1,111	511,809	485,891
54	(1936)	323	84,234	675	426,570	68,752	524	503,306	1,136	534,652	478,778
55	(1935)	316	83,353	694	382,980	64,795	526	483,904	1,186	513,345	462,070
56	(1934)	313	77,865	590	324,354	58,299	544	473,035	1,154	474,539	447,014
57	(1933)	295	75,035	502	324,160	56,726	557	459,646	925	483,118	435,527
58	(1932)	301	74,151	461	326,628	57,984	568	442,601	1,014	464,752	417,232
59	(1931)	291	69,170	391	301,149	52,881	576	419,282	846	388,984	394,938
60	(1930)	288	63,581	274	....	50,499	581	405,309	788	....	380,279
61	(1929)	292	59,931	229	....	46,033	578	385,706	785	....	364,042
62	(1928)	294	67,165	117	....	....	595	369,759	813	....	....
63	(1927)	301	60,444	...	....	42,137	592	354,786	...	....	328,737

Marginal No.	State	County Hospitals	County Beds	County Bassinets	County Patients Admitted	County Average Census	City Hospitals	City Beds	City Bassinets	City Patients Admitted	City Average Census
1	Alabama	7	800	48	13,340	604	2	104	11	3,047	56
2	Arizona	7	587	44	6,440	453	..	.....	..	.....	.....
3	Arkansas	1	200	8	1,384	184	3	109	16	2,524	47
4	California	55	18,425	680	177,546	15,197	1	32	8	1,316	21
5	Colorado	3	209	36	4,303	166	..	.....	..	.....	.....
6	Connecticut	..	.....	..	.....	.....	4	812	27	5,612	523
7	Delaware	..	.....	..	.....	.....	..	.....	..	.....	.....
8	Dist. of Columbia	..	.....	..	.....	.....	5	2,939	54	19,765	2,353
9	Florida	9	1,036	65	13,704	806	10	1,284	143	35,985	798
10	Georgia	7	343	38	6,497	144	8	1,569	166	39,012	1,131
11	Idaho	5	214	46	7,004	159	..	.....	..	.....	.....
12	Illinois	24	6,255	268	92,627	5,028	20	3,190	159	29,292	2,618
13	Indiana	34	2,252	238	31,237	1,656	4	763	65	13,677	567
14	Iowa	11	715	55	10,093	527	9	304	73	6,957	158
15	Kansas	7	352	51	5,954	197	8	254	48	4,854	116
16	Kentucky	3	222	15	2,838	176	5	732	87	17,249	515
17	Louisiana	..	.....	..	.....	.....	1	100	..	507	50
18	Maine	..	.....	..	.....	.....	3	244	29	2,864	167
19	Maryland	3	115	22	1,686	65	3	1,517	82	9,966	1,166
20	Massachusetts	8	1,363	..	1,343	1,154	28	6,466	383	88,234	4,313
21	Michigan	27	11,592	81	26,081	10,140	37	4,758	426	78,440	3,855
22	Minnesota	15	1,690	21	3,650	1,451	17	1,322	177	23,017	912
23	Mississippi	4	120	10	2,077	61	2	40	7	779	15
24	Missouri	7	507	74	8,450	371	16	8,088	223	47,973	6,864
25	Montana	6	300	27	2,226	224	..	.....	..	.....	.....
26	Nebraska	1	400	15	2,646	343	4	281	37	4,521	121
27	Nevada	7	395	48	5,577	209	..	.....	..	.....	.....
28	New Hampshire	5	307	33	3,410	243	2	136	15	1,526	49
29	New Jersey	23	10,794	286	17,094	9,175	10	2,568	59	37,975	2,101
30	New Mexico	..	.....	..	.....	.....	2	67	14	1,782	34
31	New York	43	6,303	114	25,803	5,496	48	22,882	1,170	319,937	21,623
32	North Carolina	15	939	46	9,619	776	2	343	43	9,159	253
33	North Dakota	1	30	4	459	23	2	41	5	290	8
34	Ohio	26	3,621	84	14,283	3,123	20	4,088	289	51,700	3,021
35	Oklahoma	3	141	24	2,894	76	4	138	25	3,492	61
36	Oregon	2	92	12	1,094	55	1	100	..	441	19
37	Pennsylvania	20	10,166	3	3,997	9,459	9	8,862	65	32,676	6,609
38	Rhode Island	..	.....	..	.....	.....	2	290	..	2,459	188
39	South Carolina	11	1,073	92	19,991	861	2	368	35	10,619	256
40	South Dakota	1	20	5	370	10	2	51	17	1,422	27
41	Tennessee	7	2,208	15	3,070	1,910	3	1,043	137	31,128	887
42	Texas	20	991	138	19,178	627	9	809	99	20,982	617
43	Utah	3	293	40	5,470	179	3	85	30	1,826	55
44	Vermont	..	.....	..	.....	.....	..	.....	..	.....	.....
45	Virginia	2	83	14	1,884	48	6	1,068	53	3,948	866
46	Washington	13	1,824	169	22,651	1,569	2	330	..	406	242
47	West Virginia	4	199	19	2,115	128	1	165	18	2,888	70
48	Wisconsin	60	14,373	91	24,870	13,003	12	695	95	16,003	294
49	Wyoming	4	412	69	9,022	208	..	.....	..	.....	.....
50	Totals (1940)	514	102,340	3,097	615,247	87,029	332	79,045	4,390	986,850	63,644
51	(1939)	501	100,976	2,748	589,280	86,177	320	77,231	4,210	951,295	61,706
52	(1938)	490	96,021	2,581	552,096	80,262	317	75,180	4,080	928,924	61,006
53	(1937)	484	93,379	2,641	549,332	80,575	324	79,308	3,937	897,085	64,928
54	(1936)	484	87,541	2,388	497,706	76,277	332	78,950	3,947	885,058	65,508
55	(1935)	490	90,904	2,375	476,275	79,280	328	73,322	3,742	809,054	60,751
56	(1934)	496	83,919	2,404	453,425	71,157	328	71,981	3,680	792,887	59,801
57	(1933)	511	80,410	2,220	406,921	69,047	344	69,639	3,627	762,643	57,865
58	(1932)	514	84,534	2,116	384,265	71,080	358	69,551	3,329	767,096	57,582
59	(1931)	508	77,373	1,902	345,236	62,862	364	61,351	3,478	680,529	46,854
60	(1930)	505	73,615	1,498	....	60,529	364	63,004	3,246	....	47,880
61	(1929)	487	65,619	1,385	....	52,504	357	57,128	3,093	....	42,440
62	(1928)	489	63,231	1,297	....	....	272	65,126	3,161	....	....
63	(1927)	480	58,907	.....	....	47,704	366	63,327	.....	....	46,380

Marginal No.	State	City-County Hospitals	City-County Beds	City-County Bassinets	City-County Patients Admitted	City-County Average Census	Total Governmental Hospitals	Total Governmental Beds	Total Governmental Bassinets	Total Governmental Patients Admitted	Total Governmental Average Census	Marginal No.
1	Alabama	3	230	40	5,818	142	24	10,682	105	42,112	9,549	1
2	Arizona	..	...	..	.....	...	29	3,395	120	20,780	2,692	2
3	Arkansas	..	...	..	.....	...	14	8,246	59	18,480	7,504	3
4	California	3	3,744	50	17,573	1,918	93	60,947	808	273,906	51,879	4
5	Colorado	2	601	51	8,123	325	19	8,286	120	29,702	7,000	5
6	Connecticut	..	...	..	.....	...	20	11,674	34	13,914	10,508	6
7	Delaware	..	...	..	.....	...	6	2,107	4	2,005	1,869	7
8	Dist. of Columbia	..	...	..	.....	...	13	13,160	131	48,206	11,406	8
9	Florida	3	175	10	1,629	114	33	9,555	225	65,501	8,208	9
10	Georgia	6	384	48	9,334	255	33	12,586	277	85,280	11,504	10
11	Idaho	..	...	..	.....	...	11	2,196	50	9,261	1,959	11
12	Illinois	..	...	..	.....	...	72	58,636	499	178,330	53,657	12
13	Indiana	1	250	..	495	216	61	19,679	345	69,409	17,820	13
14	Iowa	..	...	..	.....	...	41	14,765	189	49,540	13,342	14
15	Kansas	1	70	..	163	50	35	10,743	144	36,083	9,213	15
16	Kentucky	4	645	24	3,857	567	26	11,717	144	36,340	10,630	16
17	Louisiana	..	...	..	.....	...	15	13,908	294	119,502	12,250	17
18	Maine	..	...	..	.....	...	13	5,054	30	7,706	4,725	18
19	Maryland	1	166	26	3,860	119	26	14,221	195	39,216	12,715	19
20	Massachusetts	1	30	..	427	14	72	45,572	450	118,626	41,441	20
21	Michigan	2	71	6	1,041	24	92	40,127	578	140,063	35,081	21
22	Minnesota	4	1,022	66	13,462	751	61	22,048	340	65,849	19,847	22
23	Mississippi	2	80	10	2,091	42	23	6,934	89	24,113	6,248	23
24	Missouri	..	...	..	.....	...	40	22,640	311	75,865	19,732	24
25	Montana	1	25	..	87	7	17	2,949	62	9,709	2,689	25
26	Nebraska	..	...	..	.....	...	18	7,376	93	17,053	6,097	26
27	Nevada	..	...	..	.....	...	13	888	60	7,532	703	27
28	New Hampshire	..	...	..	.....	...	11	3,694	48	6,290	3,290	28
29	New Jersey	..	...	..	.....	...	53	32,814	356	65,777	29,009	29
30	New Mexico	..	...	..	.....	...	23	2,825	84	14,644	2,160	30
31	New York	2	251	..	241	241	162	138,728	1,399	429,875	129,489	31
32	North Carolina	6	291	34	5,584	168	56	12,878	139	39,346	11,013	32
33	North Dakota	..	...	..	.....	...	13	3,819	40	6,573	3,390	33
34	Ohio	..	...	..	.....	...	76	39,335	615	103,874	36,313	34
35	Oklahoma	1	20	3	272	6	36	12,380	175	45,480	11,175	35
36	Oregon	..	...	..	.....	...	18	7,872	56	18,196	7,192	36
37	Pennsylvania	1	55	..	86	51	69	55,416	233	95,441	50,586	37
38	Rhode Island	..	...	..	.....	...	8	6,160	20	7,325	5,299	38
39	South Carolina	1	26	..	41	19	21	8,222	142	42,747	7,567	39
40	South Dakota	1	13	5	329	10	19	3,786	72	11,004	2,952	40
41	Tennessee	4	1,034	71	11,106	778	25	12,330	223	58,971	11,041	41
42	Texas	13	2,050	176	39,444	1,550	75	27,687	458	124,802	24,209	42
43	Utah	..	...	..	.....	...	12	2,305	77	10,225	2,063	43
44	Vermont	..	...	..	.....	...	7	1,942	2	2,946	1,733	44
45	Virginia	..	...	..	.....	...	29	17,050	141	45,166	15,377	45
46	Washington	..	...	..	.....	...	37	13,643	139	44,634	12,081	46
47	West Virginia	..	...	..	.....	...	18	6,123	55	16,558	5,691	47
48	Wisconsin	1	55	16	1,424	34	87	22,156	245	67,409	19,901	48
49	Wyoming	..	...	..	.....	...	12	2,626	93	15,798	2,043	49
50	Totals (1940)	61	11,297	636	126,487	7,401	1,767	873,680	10,550	2,869,004	784,672	50
51	(1939)	67	10,026	580	127,386	7,513	1,740	845,146	9,634	2,734,375	764,048	51
52	(1938)	68	9,808	542	130,702	7,110	1,728	815,136	9,111	2,697,280	736,687	52
53	(1937)	63	9,138	490	111,619	6,667	1,722	788,740	9,277	2,509,925	718,880	53
54	(1936)	61	9,800	496	108,873	7,520	1,724	763,840	8,642	2,452,859	676,835	54
55	(1935)	64	10,139	510	111,398	8,025	1,724	741,712	8,417	2,293,052	674,921	55
56	(1934)	68	11,138	548	113,860	8,729	1,749	717,888	8,346	2,150,065	645,000	56
57	(1933)	69	9,143	541	172,086	6,909	1,776	694,473	7,815	2,155,598	626,074	57
58	(1932)	63	8,530	540	106,812	6,281	1,804	679,367	7,060	2,049,523	610,168	58
59	(1931)	77	14,348	615	108,450	11,706	1,816	641,524	7,202	1,823,078	560,301	59
60	(1930)	74	14,157	497	....	11,550	1,812	619,726	6,303	....	550,737	60
61	(1929)	81	14,183	570	....	11,376	1,795	582,537	6,162	....	516,885	61
62	(1928)	63	7,533	284	....	....	1,813	567,434	5,672	....	....	62
63	(1927)	70	7,705	...	....	5,160	1,809	545,169	.....	....	470,157	63

best equipment and to which the services of properly qualified radiologists are not yet available for various reasons.

There are of course some hospitals and related institutions rendering acceptably a type of service which requires only occasional radiologic work. Comparison with former years can be observed in the accompanying table. A total of 1,963 hospitals say they are equipped for roentgen therapy compared with 2,039 in 1937.

OCCUPANCY OF HOSPITAL BEDS

The table on percentage of beds occupied shows in general a larger percentage of beds occupied in 1940 than in the preceding year. The total of governmental facilities, federal, state, county and city, shows a slight decrease from 90.4 per cent last year to 89.8 per cent occupancy this year. On the other hand, the rate of occupancy in the nongovernmental hospitals rose from 66.4 per cent in 1939 to 68.5 per cent in 1940. The present rate in this group is in strict contrast with its occupancy rate of 64.6 per cent in 1929 and 55.3 per cent in 1933. More details concerning the occupancy rate and its variations from year to year are given in the table referred to; also in the map showing occupancy in general hospitals and in other data contained in these pages.

The groups of hospitals that show a considerable increase in occupancy rate over one year ago are general hospitals with a present rate of 70.3 per cent, industrial hospitals 53.9, orthopedic hospitals 76.5, and isolation hospitals 42.4 per cent.

A somewhat greater than the usual number of general hospitals reported overcrowding. Such reports come mainly from general hospitals that are supported by taxation, and it is rather usual in good sized cities for

TABLE 1.—HOSPITAL FACILITIES BY STATES AND BY CONTROL. B. NONPROFIT ORGANIZATIONS

Marginal No.		Church Related					Nonprofit Associations					Total Nonprofit					Marginal No.
		Hospitals	Beds	Bassinets	Patients Admitted	Average Census	Hospitals	Beds	Bassinets	Patients Admitted	Average Census	Hospitals	Beds	Bassinets	Patients Admitted	Average Census	
1	Alabama	9	939	141	28,144	631	21	1,347	134	27,885	803	30	2,286	275	56,029	1,434	1
2	Arizona	7	845	85	20,364	542	14	542	58	7,625	271	21	1,387	143	27,989	813	2
3	Arkansas	11	1,080	134	24,675	657	13	784	72	14,012	369	24	1,873	206	38,687	1,026	3
4	California	41	5,148	835	131,135	3,746	81	7,300	1,018	156,765	5,190	122	12,448	1,853	287,900	8,936	4
5	Colorado	28	2,632	386	50,280	1,700	25	2,084	88	15,869	1,358	53	4,716	474	66,149	3,058	5
6	Connecticut	6	1,299	227	33,773	1,037	38	5,357	786	109,137	4,100	44	6,656	1,013	142,910	5,137	6
7	Delaware	1	104	31	1,816	55	8	950	144	17,431	573	9	1,054	175	19,247	628	7
8	District of Columbia	4	803	157	26,294	691	10	1,688	344	40,744	1,400	14	2,491	501	67,038	2,091	8
9	Florida	7	829	133	19,049	508	33	1,734	233	29,358	900	40	2,563	366	48,407	1,408	9
10	Georgia	8	667	93	16,759	495	22	1,559	209	40,032	1,065	30	2,226	302	56,791	1,560	10
11	Idaho	11	739	171	19,392	529	5	121	18	2,371	58	16	860	189	21,763	587	11
12	Illinois	85	11,775	1,914	275,269	8,183	96	9,495	1,636	223,380	6,625	181	21,270	3,550	498,649	14,808	12
13	Indiana	29	4,121	689	102,573	2,799	20	1,284	224	29,549	844	49	5,405	913	132,122	3,643	13
14	Iowa	41	3,986	621	87,409	2,656	25	1,208	272	25,558	707	66	5,194	893	112,967	3,363	14
15	Kansas	37	2,890	472	62,610	1,896	24	916	157	19,178	505	61	3,806	629	81,788	2,401	15
16	Kentucky	13	1,826	241	41,989	1,264	29	1,760	179	30,751	947	42	3,586	420	72,740	2,211	16
17	Louisiana	10	1,595	195	47,069	1,108	17	1,316	120	28,942	860	27	2,911	315	76,011	1,968	17
18	Maine	10	481	87	12,483	373	23	1,579	242	33,041	1,181	33	2,060	329	45,524	1,554	18
19	Maryland	9	2,074	109	35,335	1,685	29	4,043	391	61,140	3,154	38	6,117	500	96,475	4,839	19
20	Massachusetts	16	2,699	426	51,074	2,079	120	11,480	1,883	234,371	8,356	136	14,179	2,309	285,445	10,435	20
21	Michigan	33	4,461	820	106,935	3,168	76	7,620	1,077	150,400	5,111	109	12,081	1,897	257,335	8,279	21
22	Minnesota	38	3,672	591	95,633	2,803	55	2,985	560	71,624	2,059	93	6,657	1,151	167,257	4,862	22
23	Mississippi	2	235	38	8,736	162	36	1,382	189	33,776	1,112	38	1,617	227	42,512	1,274	23
24	Missouri	41	5,864	735	122,322	4,358	33	2,758	313	47,413	1,728	74	8,622	1,048	169,735	6,086	24
25	Montana	23	1,605	311	33,881	1,014	11	580	110	10,795	334	34	2,185	421	44,676	1,348	25
26	Nebraska	27	2,426	374	47,819	1,356	6	218	43	7,231	126	33	2,644	417	55,050	1,482	26
27	Nevada	1	75	15	1,934	59	2	60	10	599	28	3	135	25	2,533	87	27
28	New Hampshire	4	384	65	7,686	247	27	1,494	301	29,421	931	31	1,878	366	37,107	1,178	28
29	New Jersey	18	3,383	463	67,922	2,407	77	9,532	1,479	189,204	6,949	95	12,915	1,942	257,126	9,356	29
30	New Mexico	11	776	99	11,553	427	13	493	50	5,862	226	24	1,269	149	17,415	653	30
31	New York	84	13,192	1,741	220,120	10,263	222	31,535	4,142	601,715	23,596	306	44,457	5,883	821,835	33,859	31
32	North Carolina	15	1,109	152	26,214	745	77	5,024	594	121,884	3,189	92	6,133	746	148,098	3,934	32
33	North Dakota	23	1,747	294	40,318	1,109	9	317	92	7,520	191	32	2,064	386	47,838	1,300	33
34	Ohio	42	6,724	1,064	168,085	5,124	99	8,783	1,333	203,833	6,263	141	15,507	2,397	371,918	11,387	34
35	Oklahoma	9	927	173	25,719	626	15	707	101	14,405	332	24	1,634	274	40,124	958	35
36	Oregon	17	1,930	312	52,212	1,439	11	514	84	8,070	318	28	2,444	396	60,282	1,757	36
37	Pennsylvania	41	6,580	954	110,375	4,518	201	27,226	3,550	501,206	20,538	242	33,806	4,504	611,581	25,056	37
38	Rhode Island	3	451	43	5,671	333	13	1,744	356	31,379	1,322	16	2,195	399	37,050	1,655	38
39	South Carolina	5	391	58	11,419	312	27	1,810	210	42,389	1,160	32	2,201	268	53,808	1,472	39
40	South Dakota	15	1,175	183	24,779	668	13	478	90	11,368	288	28	1,653	273	36,147	956	40
41	Tennessee	7	1,288	163	37,012	912	28	2,017	242	33,719	1,355	35	3,305	405	70,731	2,267	41
42	Texas	48	3,980	644	109,863	2,456	51	2,731	278	62,286	1,593	99	6,711	922	172,149	4,049	42
43	Utah	6	969	190	23,994	709	9	319	88	8,891	183	15	1,288	278	32,885	892	43
44	Vermont	3	225	34	5,129	177	19	1,932	176	23,997	1,489	22	2,157	210	29,126	1,666	44
45	Virginia	3	346	39	6,950	181	42	3,356	389	79,930	2,339	45	3,702	428	86,880	2,520	45
46	Washington	21	2,453	466	58,724	1,578	26	1,883	365	45,284	1,374	47	4,336	831	104,008	2,952	46
47	West Virginia	9	972	127	19,986	547	17	1,452	180	33,549	1,044	26	2,424	307	53,535	1,591	47
48	Wisconsin	61	6,793	1,165	140,459	4,644	31	2,078	347	48,253	1,264	92	8,871	1,512	188,712	5,908	48
49	Wyoming	2	45	11	934	21	4	106	21	1,832	49	6	151	32	2,766	70	49
50	Totals (1940)	998	120,809	18,561	2,679,876	85,007	1,903	177,681	24,978	3,574,974	125,757	2,901	298,490	43,539	6,254,850	210,764	50
51	(1939)	1,001	120,740	18,044	2,682,762	81,984	1,839	172,765	23,371	3,503,488	119,342	2,840	293,505	41,415	6,186,250	201,326	51
52	(1938)	981	119,521	17,320	2,531,796	80,576	1,776	169,980	22,523	3,316,310	117,558	2,757	289,501	39,843	5,848,106	198,134	52
53	(1937)	975	115,283	16,851	2,495,114	79,113	1,718	162,474	21,511	3,201,042	114,508	2,693	277,757	38,362	5,696,156	193,621	53
54	(1936)	969	113,268	16,360	2,286,064	74,037	1,742	162,586	21,238	2,972,708	107,510	2,711	275,854	37,598	5,258,772	181,547	54
55	(1935)	970	113,268	16,033	1,950,308	69,592	1,670	155,300	20,119	2,527,207	98,088	2,640	268,568	36,152	4,477,515	167,680	55
56	(1934)	970	113,263	16,067	1,786,522	63,851	1,676	154,449	20,184	2,377,213	93,216	2,646	267,712	36,251	4,163,735	157,067	56
57	(1933)	984	115,840	16,190	1,753,565	63,621											
58	(1932)	1,001	117,555	16,125	1,918,214	70,119											
59	(1931)	1,011	116,935	15,861	2,013,352	73,911											
60	(1930)	1,017	116,846	15,615	....	75,162											
61	(1929)	1,024	113,555	15,037	....	75,770											
62	(1928)	1,056	114,613	13,190	....	......											
63	(1927)	1,069	108,582	......	....	73,813											

public general hospitals to report overcrowding while private general hospitals in the same locality are wishing for more patronage.

To any one who examines the returns from a census of hospitals such as this and who receives inquiries from communities interested in readjusting the quantity of hospital facilities, it becomes apparent facilities in a community has been met by some church centered organization or by some other type of nonprofit association. Hospitals have been provided, as required, by the federal government for Army, Navy, Public Health Service, Veterans Administration, Indian Service and possibly other departments. Also, where occasion required, by state governments, cities, counties

TABLE 1.—HOSPITAL FACILITIES BY STATES AND BY CONTROL
C. PROPRIETARY

Marginal No.		Individual and Partnership					Corporations (Profit unrestricted)					Total Proprietary				
		Hospitals	Beds	Bassinets	Patients Admitted	Average Census	Hospitals	Beds	Bassinets	Patients Admitted	Average Census	Hospitals	Beds	Bassinets	Patients Admitted	Average Census
1	Alabama	31	1,058	148	20,328	491	6	384	50	9,027	220	37	1,442	198	29,355	714
2	Arizona	8	157	9	798	82	1	33	5	422	12	9	190	14	1,220	94
3	Arkansas	21	540	72	10,904	238	4	134	20	1,984	30	25	674	92	12,978	268
4	California	102	3,399	497	52,607	2,185	41	2,487	346	50,630	1,099	143	5,886	843	103,237	3,884
5	Colorado	23	552	84	7,428	332	5	278	10	1,748	133	28	830	94	9,176	465
6	Connecticut	9	290	..	1,350	190	10	574	..	872	402	19	864	..	2,222	592
7	Delaware	1	20	10	100	6	1	15	6	235	7	2	35	16	335	13
8	Dist. Columbia	1	22	..	50	10	1	250	65	5,046	176	2	272	65	5,096	186
9	Florida	23	610	123	12,026	231	5	211	31	3,084	79	28	821	154	15,710	310
10	Georgia	49	1,312	170	28,007	668	8	324	41	9,804	164	57	1,636	211	37,811	832
11	Idaho	12	260	50	6,008	124	3	58	22	1,203	33	15	318	72	7,211	157
12	Illinois	37	875	101	9,358	509	16	1,244	130	16,521	757	53	2,119	231	25,879	1,266
13	Indiana	15	262	64	5,649	127	10	643	43	9,938	329	25	905	107	15,587	456
14	Iowa	37	582	141	11,187	285	6	193	29	3,267	117	43	775	170	14,454	402
15	Kansas	18	324	58	5,547	158	5	181	19	2,342	100	23	505	77	7,889	258
16	Kentucky	18	464	43	4,180	163	13	519	65	12,645	299	31	983	108	16,825	462
17	Louisiana	21	433	61	8,436	179	11	515	82	15,175	305	32	948	143	23,611	484
18	Maine	10	185	57	2,661	84	6	214	43	3,889	139	16	399	100	6,550	223
19	Maryland	11	402	10	2,021	305	2	172	35	3,924	124	13	574	45	5,945	429
20	Massachusetts	17	339	65	2,698	187	23	1,228	200	18,182	746	40	1,567	265	20,880	933
21	Michigan	33	821	152	13,905	439	8	391	5	2,101	283	41	1,212	157	16,006	722
22	Minnesota	52	876	234	17,376	434	9	800	39	22,010	536	61	1,676	273	39,386	970
23	Mississippi	30	881	117	17,706	356	3	117	11	1,693	45	33	998	128	19,399	401
24	Missouri	24	622	169	8,570	299	9	335	46	3,951	188	33	957	215	12,521	487
25	Montana	8	157	45	3,508	80	3	150	31	3,354	95	11	307	76	6,862	175
26	Nebraska	42	649	192	12,252	273	3	159	17	1,219	118	45	808	209	13,471	391
27	Nevada	..	...	..	.....	...	1	31	11	1,167	25	1	31	11	1,167	25
28	New Hampshire	..	...	..	.....	...	1	100	..	100	78	1	100	..	100	78
29	New Jersey	9	193	21	1,465	133	10	483	..	1,162	299	19	676	21	2,627	432
30	New Mexico	8	128	32	3,030	53	1	24	3	265	6	9	152	35	3,295	59
31	New York	63	1,948	389	21,746	1,127	40	3,852	615	64,757	2,600	103	5,800	1,004	86,503	3,727
32	North Carolina	25	687	67	14,082	326	13	655	58	11,766	354	38	1,342	125	25,848	680
33	North Dakota	6	94	33	1,766	41	..	.....	..	.....	...	6	94	33	1,766	41
34	Ohio	19	561	47	6,770	324	17	1,023	39	4,460	738	36	1,584	86	11,230	1,062
35	Oklahoma	52	1,436	220	28,877	594	18	612	91	14,156	330	70	2,048	311	43,033	924
36	Oregon	14	417	78	8,798	222	12	512	72	12,809	310	26	929	150	21,607	532
37	Pennsylvania	32	994	119	7,795	618	11	576	82	8,392	372	43	1,570	201	16,187	990
38	Rhode Island	2	34	..	27	22	..	.....	..	.....	...	2	34	..	27	22
39	South Carolina	8	177	18	4,348	85	1	25	..	304	16	9	202	18	4,652	101
40	South Dakota	10	185	51	3,606	89	..	.....	..	.....	...	10	185	51	3,606	89
41	Tennessee	35	809	95	17,276	360	8	287	46	5,628	126	43	1,096	141	22,904	486
42	Texas	130	2,490	515	60,257	1,135	42	1,720	238	47,432	992	172	4,210	753	107,689	2,127
43	Utah	6	115	33	1,817	49	..	.....	..	.....	...	6	115	33	1,817	49
44	Vermont	1	14	..	112	5	1	25	...	41	8	2	39	..	153	13
45	Virginia	19	659	72	13,322	408	17	1,096	132	29,650	750	36	1,755	204	42,972	1,158
46	Washington	26	637	112	12,763	348	8	266	49	5,873	150	34	903	161	18,636	498
47	West Virginia	14	610	68	14,937	358	23	1,671	148	45,681	1,023	37	2,281	216	60,618	1,381
48	Wisconsin	33	532	139	10,319	255	11	493	33	4,211	358	44	1,025	172	14,530	613
49	Wyoming	9	146	39	2,177	59	2	48	13	934	15	11	194	52	3,111	74
50	Totals (1940)	1,174	28,958	4,820	500,040	15,049	449	25,108	3,021	463,654	15,686	1,623	54,066	7,841	963,694	30,735
51	Totals (1939)	1,190	29,879	4,756	501,869	14,955	456	26,496	2,989	456,750	16,154	1,646	56,375	7,745	958,619	31,109
52	Totals (1938)	1,188	30,193	4,557	495,553	15,255	493	26,550	3,236	470,136	15,630	1,681	56,743	7,793	965,689	30,885
53	Totals (1937)	1,183	29,957	4,706	508,359	15,458	530	28,085	3,516	507,077	16,477	1,713	58,042	8,282	1,015,436	31,935
54	Totals (1936)	1,204	28,496	4,356	437,797	13,672	550	28,511	3,629	497,457	16,462	1,754	57,007	7,985	935,254	30,134
55	Totals (1935)	1,255	29,913	4,384	413,997	14,212	627	34,946	4,357	532,590	18,697	1,882	64,859	8,741	946,587	32,909
56	Totals (1934)	1,310	29,429	4,391	366,313	12,046	629	33,072	4,038	458,303	15,985	1,939	62,501	8,429	824,616	28,031
57	Totals (1933)	1,435	33,385	4,962	381,861	13,746										
58	Totals (1932)	1,522	25,759	5,094	428,256	16,309										
59	Totals (1931)	1,560	36,764	5,352	450,184	17,912										
60	Totals (1930)	1,620	38,557	5,233	....	19,948										
61	Totals (1929)	1,611	37,977	5,212	....	20,604										
62	Totals (1928)	1,699	39,710	4,843	....	......										
63	Totals (1927)	1,682	39,118	.....	....	21,779										

TOTAL NONGOVERNMENTAL

	Total of Tables 1B and 1C					Marginal No.
	Hospitals	Beds	Bassinets	Patients Admitted	Average Census	
Alabama	67	3,728	473	85,384	2,148	1
Arizona	30	1,577	157	29,309	907	2
Arkansas	49	2,547	298	51,665	1,294	3
California	265	18,334	2,636	391,137	12,820	4
Colorado	81	5,546	568	75,325	3,523	5
Connecticut	63	7,520	1,013	145,132	5,729	6
Delaware	11	1,089	191	19,582	641	7
Dist. Columbia	16	2,763	566	72,134	2,277	8
Florida	68	3,384	520	64,117	1,718	9
Georgia	87	3,862	513	94,692	2,392	10
Idaho	31	1,178	261	28,974	744	11
Illinois	234	23,389	3,781	524,528	16,074	12
Indiana	74	6,310	1,020	147,709	4,099	13
Iowa	109	5,969	1,063	127,421	3,765	14
Kansas	84	4,401	706	89,677	2,659	15
Kentucky	73	4,569	528	89,565	2,673	16
Louisiana	50	3,859	458	90 622	2,452	17
Maine	49	2,459	429	52,074	1,777	18
Maryland	51	6,691	635	102,420	5,298	19
Massachusetts	176	15,746	2,574	306,325	11,368	20
Michigan	150	13,293	2,054	273,431	9,001	21
Minnesota	154	8,333	1,424	206,643	5,832	22
Mississippi	71	2,615	355	61,821	1,675	23
Missouri	107	9,579	1,293	182,256	6,573	25
Montana	45	2,492	497	51,538	1,523	25
Nebraska	78	3,452	626	68,321	1,883	26
Nevada	4	166	36	3,700	112	27
New Hampshire	32	1,978	366	37,207	1,256	28
New Jersey	114	13,591	1,963	259,753	9,788	29
New Mexico	33	1,421	184	20,710	712	30
New York	409	50,527	6,887	908,338	37,586	31
North Carolina	130	7,475	871	173,946	4,614	32
North Dakota	38	2,158	419	49,694	1,341	33
Ohio	177	17,091	2,483	383,148	12,449	34
Oklahoma	94	3,682	585	83,157	1,882	35
Oregon	54	3,373	546	81,889	2,299	36
Pennsylvania	285	35,376	4,705	627,768	26,046	37
Rhode Island	18	2,229	399	37,077	1,677	38
South Carolina	41	2,403	286	58,469	1,573	39
South Dakota	38	1,838	324	39,753	1,045	40
Tennessee	78	4,401	546	93,635	2,753	41
Texas	271	10,921	1,675	279,838	6,176	42
Utah	21	1,403	311	34,702	941	43
Vermont	24	2,196	210	29,279	1,679	44
Virginia	81	5,457	632	129,852	3,678	45
Washington	81	5,239	992	122,644	3,450	46
West Virginia	63	4,705	523	114,153	2,972	47
Wisconsin	139	9,806	1,684	203,242	6,521	48
Wyoming	17	345	84	5,877	144	49
Totals (1940)	4,524	352,556	51,380	7,218,544	241,499	50
Totals (1939)	4,486	349,880	49,100	7,144,809	232,435	51
Totals (1938)	4,438	346,244	47,636	6,813,795	259,019	52
Totals (1937)	4,406	335,790	46,644	6,711,502	225,556	53
Totals (1936)	4,465	332,881	45,583	6,194,026	211,681	54
Totals (1935)	4,522	333,427	44,893	5,424,102	200,589	55
Totals (1934)	4,585	330,213	44,680	4,988,351	185,098	56
Totals (1933)	4,661	332,573	44,649	4,882,444	184,197	57
Totals (1932)	4,758	334,987	44,572	5,178,508	198,277	58
Totals (1931)	4,797	332,591	44,232	5,322,898	206 095	59
Totals (1930)	4,907	336,143	43,281	....	212,645	60
Totals (1929)	4,870	324,596	41,877	....	209,881	61
Totals (1928)	5,039	325,500	37,641	....	....	62
Totals (1927)	4,998	308,149	......	....	201,675	63

that each locality is a problem of its own. No formula as to a certain number of beds per population can be used. Each situation demands study of all the local factors by the local people and by expert counsel.

Hospital facilities in America have been developed with a speed and in a manner truly American.

As a rule, hospitals have been built by whatever agency was in best position to build them in the community at that time, whether the agency happened to be public or private. Frequently the need of hospital or a combination of two government agencies, such as cities and counties.

At the same time there have been numerous proprietary organizations, such as individuals and partnerships, usually physicians who provide hospital facilities as a convenience in taking care of their own patients, or nurses who establish accommodations for patients as a livelihood. Also corporations unrestricted as to profit evidently established with the dual purpose of caring for the sick and earning a living.

TABLE 2.—HOSPITAL FACILITIES BY STATES AND BY TYPE OF SERVICE

Marginal No.	State	General: Hospitals	General: Beds	General: Bassinets	General: Patients Admitted	General: Average Census	Nervous and Mental: Hospitals	Nervous and Mental: Beds	Nervous and Mental: Bassinets	Nervous and Mental: Patients Admitted	Nervous and Mental: Average Census
1	Alabama	70	6,884	528	117,816	4,008	4	6,656	..	2,682	6,443
2	Arizona	40	2,441	275	46,297	1,571	2	908	..	356	902
3	Arkansas	52	3,451	331	59,461	2,161	2	5,560	..	2,385	5,512
4	California	243	36,851	3,274	603,429	26,240	35	31,421	1	12,365	29,131
5	Colorado	67	5,091	659	93,521	3,009	8	6,108	..	2,496	5,574
6	Connecticut	38	6,302	1,032	145,955	4,768	19	9,783	..	4,034	9,368
7	Delaware	10	1,119	185	20,834	650	2	1,750	..	411	1,612
8	District of Columbia	17	6,645	554	97,412	5,151	2	7,637	..	1,321	7,112
9	Florida	80	6,277	720	123,297	3,911	5	5,336	5	1,728	5,176
10	Georgia	99	6,437	778	163,348	4,320	5	8,517	..	2,856	8,655
11	Idaho	36	1,550	294	36,283	1,023	3	1,619	..	451	1,531
12	Illinois	210	28,469	4,082	648,914	21,148	29	45,949	13	13,920	42,909
13	Indiana	91	8,501	1,335	198,036	5,818	13	14,469	..	3,112	13,981
14	Iowa	117	7,126	1,165	164,521	4,632	12	11,907	..	3,966	11,382
15	Kansas	97	6,501	812	116,078	4,130	8	7,433	7	2,044	7,002
16	Kentucky	73	5,361	648	114,984	3,320	13	9,174	1	3,873	8,669
17	Louisiana	56	8,658	752	210,672	6,592	6	7,991	..	2,670	7,286
18	Maine	51	2,951	447	57,743	2,167	5	3,935	..	677	3,778
19	Maryland	44	7,680	824	128,928	5,685	17	11,066	..	3,725	10,431
20	Massachusetts	143	22,466	2,657	373,806	16,066	32	31,308	12	11,015	31,015
21	Michigan	169	22,089	2,561	384,949	15,811	20	25,472	6	6,136	23,889
22	Minnesota	167	11,103	1,648	249,009	7,921	14	15,711	21	3,745	14,868
23	Mississippi	82	3,363	434	81,136	2,202	6	5,558	1	3,306	5,279
24	Missouri	98	11,967	1,282	228,056	8,646	17	15,686	1	3,927	14,512
25	Montana	56	3,108	547	58,803	2,009	1	1,920	..	459	1,907
26	Nebraska	86	4,692	689	82,728	2,774	4	5,777	..	840	5,508
27	Nevada	15	680	96	10,797	460	1	340	..	94	345
28	New Hampshire	35	2,235	414	41,883	1,403	2	2,959	..	712	2,847
29	New Jersey	89	14,150	1,984	289,620	10,007	24	25,123	4	6,298	23,815
30	New Mexico	43	2,351	267	32,751	1,316	2	980	..	234	939
31	New York	339	60,314	7,576	1,169,580	47,219	63	103,203	60	29,706	98,292
32	North Carolina	122	8,372	1,002	199,250	5,093	9	8,645	..	3,081	7,771
33	North Dakota	44	2,546	416	54,909	1,509	2	2,950	4	568	2,803
34	Ohio	153	19,635	2,843	442,868	14,372	33	29,829	3	8,410	28,829
35	Oklahoma	106	5,882	729	116,218	3,448	8	8,726	..	3,478	8,573
36	Oregon	54	4,091	575	95,157	2,941	5	6,139	..	1,757	5,751
37	Pennsylvania	227	35,086	4,096	609,031	25,054	47	45,984	4	10,787	44,368
38	Rhode Island	13	2,986	364	36,760	2,248	4	4,118	..	932	3,688
39	South Carolina	49	4,365	427	97,615	3,056	3	5,369	1	1,761	5,311
40	South Dakota	50	2,515	396	49,081	1,463	2	2,642	..	447	2,265
41	Tennessee	69	6,278	753	136,826	4,336	10	8,042	4	3,939	7,527
42	Texas	287	15,445	2,098	371,610	9,179	18	19,080	3	6,515	18,258
43	Utah	27	1,913	362	43,323	1,288	2	1,688	..	624	1,614
44	Vermont	23	1,513	212	30,993	1,031	4	2,405	..	808	2,184
45	Virginia	81	8,263	772	164,480	5,674	11	12,279	..	5,097	11,970
46	Washington	83	7,488	1,006	155,952	4,944	9	9,132	..	2,710	8,721
47	West Virginia	64	5,292	556	126,552	3,364	5	4,101	4	1,381	4,043
48	Wisconsin	142	12,000	1,879	254,243	8,086	51	16,818	6	6,085	15,795
49	Wyoming	25	1,297	177	21,171	638	3	1,641	..	452	1,522
50	Totals (1940)	4,432	462,360	58,073	9,219,496	325,169	602	621,284	161	190,376	590,712
51	(1939)	4,356	444,947	55,183	9,018,316	307,901	600	606,284	110	190,249	577,103
52	(1938)	4,286	425,324	52,924	8,545,930	292,870	592	591,822	137	198,703	562,337
53	(1937)	4,245	412,091	51,608	8,349,773	288,280	579	570,616	124	195,624	546,906
54	(1936)	4,207	402,605	49,604	7,755,848	271,658	584	548,952	109	184,936	524,903
55	(1935)	4,257	406,174	48,757	6,875,182	261,294	592	529,311	132	173,000	507,269
56	(1934)	4,198	393,425	47,856	6,291,556	237,395	614	513,845	84	172,415	488,481
57	(1933)	4,237	386,713	47,008	6,071,512	231,692	621	498,955	..	170,833	474,787
58	(1932)	4,305	395,543	46,588	6,303,573	250,495	624	479,548	..	169,851	455,473
59	(1931)	4,309	384,333	45,434	6,321,861	247,560	587	451,245	..	....	427,135
60	(1930)	4,302	371,609	43,941	....	240,384	561	437,919	..	....	415,042
61	(1929)	4,298	357,034	42,715	....	234,000	572	414,386	..	....	395,407
62	(1928)	4,361	363,337	38,339	....	....	553	394,298	..	....	....
63	(1927)	4,322	345,364	......	....	228,084	563	373,364	..	....	349,667

Marginal No.	State	Tuberculosis: Hospitals	Tuberculosis: Beds	Tuberculosis: Bassinets	Tuberculosis: Patients Admitted	Tuberculosis: Average Census	Maternity: Hospitals	Maternity: Beds	Maternity: Bassinets	Maternity: Patients Admitted	Maternity: Average Census
1	Alabama	8	480	..	1,079	309	2	70	50	525	40
2	Arizona	17	1,623	2	3,336	1,126	..	..	..	...	..
3	Arkansas	2	1,354	9	1,423	928	1	24	13	58	2
4	California	37	5,302	..	5,506	4,524	10	544	218	4,044	390
5	Colorado	14	1,445	..	902	934	2	51	29	210	30
6	Connecticut	6	1,746	..	1,321	1,390	1	9	6	66	2
7	Delaware	3	222	..	187	193	1	20	10	100	6
8	District of Columbia	1	670	..	571	658	2	177	143	3,883	152
9	Florida	6	595	..	643	564	1	23	18	37	18
10	Georgia	3	699	..	862	540	1	26	12	51	22
11	Idaho	1	145	..	212	117	1	30	17	282	20
12	Illinois	27	3,770	4	4,684	3,320	6	563	166	4,115	262
13	Indiana	11	1,758	..	2,135	1,488	2	30	30	317	23
14	Iowa	6	889	3	854	753	4	123	84	224	70
15	Kansas	3	616	..	554	469	2	93	31	124	40
16	Kentucky	5	1,147	2	1,774	1,024	1	43	19	79	28
17	Louisiana	6	411	..	552	395	..	..	..	...	..
18	Maine	4	513	..	523	468	1	14	12	407	11
19	Maryland	6	1,405	..	1,601	1,327	..	..	..	...	..
20	Massachusetts	23	3,932	2	4,717	3,157	7	403	342	6,229	294
21	Michigan	27	4,107	2	4,091	3,399	3	118	47	616	79
22	Minnesota	15	2,117	6	1,624	1,848	3	168	89	1,299	121
23	Mississippi	3	399	..	493	381	..	..	..	...	..
24	Missouri	6	2,068	..	1,897	1,748	8	494	291	3,700	227
25	Montana	1	268	..	207	235	1	19	6	69	2
26	Nebraska	1	195	..	168	155	2	80	30	152	43
27	Nevada	..	..	..	...	..	..	..	..	...	..
28	New Hampshire	2	240	..	164	186	..	..	..	...	..
29	New Jersey	17	3,368	..	3,712	3,008	3	310	326	6,292	212
30	New Mexico	6	613	1	731	406	..	..	..	...	..
31	New York	57	11,350	12	12,441	10,232	15	737	522	12,765	434
32	North Carolina	20	2,689	..	3,480	2,365	1	25	5	33	20
33	North Dakota	1	368	..	224	307	2	73	39	138	32
34	Ohio	23	3,554	..	3,736	3,165	8	292	241	4,068	175
35	Oklahoma	6	1,093	..	2,229	874	1	22	30	231	9
36	Oregon	4	601	..	572	554	3	159	27	279	110
37	Pennsylvania	16	4,199	..	4,102	3,808	10	491	187	4,019	363
38	Rhode Island	2	693	..	389	393	1	155	155	3,085	117
39	South Carolina	6	781	..	1,035	694	..	..	..	...	..
40	South Dakota	2	326	..	401	235	..	..	..	...	..
41	Tennessee	6	1,130	1	1,149	994	..	..	..	...	..
42	Texas	17	2,565	..	6,352	2,199	2	31	32	445	11
43	Utah	1	96	..	89	42	1	26	26	751	29
44	Vermont	3	209	..	323	191	..	..	..	...	..
45	Virginia	8	1,619	..	1,872	1,229	..	..	..	...	..
46	Washington	12	1,345	..	2,286	1,242	4	106	65	295	68
47	West Virginia	6	1,171	..	1,224	1,092	1	22	18	54	15
48	Wisconsin	21	2,307	..	2,307	2,093	2	106	44	876	66
49	Wyoming	1	33	..	52	27	..	..	..	...	..
50	Totals (1940)	479	78,246	44	90,936	67,007	116	5,647	3,380	69,518	3,534
51	(1939)	480	75,972	38	90,615	65,487	118	5,553	3,196	59,381	3,552
52	(1938)	493	76,022	41	100,801	66,242	120	5,909	3,361	66,145	3,690
53	(1937)	508	76,751	33	101,839	64,800	114	5,466	3,487	59,949	3,480
54	(1936)	506	73,692	36	99,234	63,266	125	6,402	3,846	67,925	4,065
55	(1935)	496	70,373	58	86,113	60,738	121	6,141	3,825	66,603	3,582
56	(1934)	495	70,063	..	82,455	59,690	130	7,625	4,131	76,980	4,647
57	(1933)	407	70,682	..	84,327	60,301	134	7,976	4,000	82,250	4,857
58	(1932)	512	69,676	..	93,112	59,522	136	7,558	4,006	93,450	4,810
59	(1931)	509	65,923	..	80,562	56,088	145	8,078	5,032	91,496	4,737
60	(1930)	515	65,940	..	......	56,372	151	6,527	4,486	....	4,126
61	(1929)	502	61,310	..	......	50,707	146	5,434	4,023	....	3,412
62	(1928)	508	62,113	..	......	......	164	5,912	3,621	....	.....
63	(1927)	508	63,170	..	......	50,784	178	5,747	.....	....	3,695

Marginal No.	State	Industrial: Hospitals	Industrial: Beds	Industrial: Bassinets	Industrial: Patients Admitted	Industrial: Average Census	Eye, Ear, Nose and Throat: Hospitals	Eye, Ear, Nose and Throat: Beds	Eye, Ear, Nose and Throat: Bassinets	Eye, Ear, Nose and Throat: Patients Admitted	Eye, Ear, Nose and Throat: Average Census	Marginal No.
1	Alabama	..	..	..	...	..	..	..	..	...	..	1
2	Arizona	..	..	..	...	..	..	..	..	...	..	2
3	Arkansas	2	250	..	4,604	119	1	6	..	740	2	3
4	California	3	619	..	9,637	453	2	54	..	2,061	10	4
5	Colorado	1	36	..	441	22	..	..	..	...	..	5
6	Connecticut	..	..	..	...	..	..	..	..	...	..	6
7	Delaware	..	..	..	...	..	..	..	..	...	..	7
8	District of Columbia	..	..	..	...	..	1	105	..	6,230	71	8
9	Florida	..	..	..	...	..	..	..	..	...	..	9
10	Georgia	2	143	..	3,174	78	1	29	..	751	8	10
11	Idaho	..	..	..	...	..	..	..	..	...	..	11
12	Illinois	1	75	..	1,219	43	2	245	..	6,278	179	12
13	Indiana	1	50	..	482	29	1	7	..	370	1	13
14	Iowa	1	40	..	300	16	..	..	..	...	..	14
15	Kansas	3	240	..	2,858	151	..	..	..	...	..	15
16	Kentucky	1	95	2	1,479	33	1	38	..	312	26	16
17	Louisiana	1	69	..	750	23	1	80	..	3,824	40	17
18	Maine	..	..	..	...	..	..	..	..	...	..	18
19	Maryland	1	24	..	52	5	2	100	4	4,628	48	19
20	Massachusetts	..	..	..	...	..	1	228	..	7,042	143	20
21	Michigan	2	63	..	1,048	24	..	..	..	...	..	21
22	Minnesota	..	..	..	...	..	1	188	..	7,362	132	22
23	Mississippi	..	..	..	...	..	..	..	..	...	..	23
24	Missouri	2	400	..	5,500	[illegible]	1	65	..	159	14	24
25	Montana	1	76	1	1,558	40	..	..	..	...	..	25
26	Nebraska	..	..	..	...	..	..	..	..	...	..	26
27	Nevada	..	..	..	...	..	..	..	..	...	..	27
28	New Hampshire	..	..	..	...	..	..	..	..	...	..	28
29	New Jersey	..	..	..	...	..	1	65	..	2,141	27	29
30	New Mexico	2	99	..	787	42	..	..	..	...	..	30
31	New York	1	28	..	247	12	6	643	..	34,809	361	31
32	North Carolina	..	..	..	...	..	3	62	..	3,262	30	32
33	North Dakota	..	..	..	...	..	..	..	..	...	..	33
34	Ohio	..	..	..	...	..	1	6	..	128	1	34
35	Oklahoma	..	..	..	...	..	..	..	..	...	..	35
36	Oregon	..	..	..	...	..	..	..	..	...	..	36
37	Pennsylvania	..	..	..	...	..	3	326	..	8,264	179	37
38	Rhode Island	..	..	..	...	..	..	..	..	...	..	38
39	South Carolina	..	..	..	...	..	1	15	..	300	3	39
40	South Dakota	1	25	..	631	15	..	..	..	...	..	40
41	Tennessee	1	10	..	40	1	6	132	..	5,089	48	41
42	Texas	5	443	..	6,867	222	2	35	..	1,934	11	42
43	Utah	..	..	..	...	..	..	..	..	...	..	43
44	Vermont	..	..	..	...	..	..	..	..	...	..	44
45	Virginia	1	16	..	152	4	2	36	..	1,056	7	45
46	Washington	..	..	..	...	..	..	..	..	...	..	46
47	West Virginia	..	..	..	...	..	1	5	..	423	2	47
48	Wisconsin	..	..	..	...	..	..	..	..	...	..	48
49	Wyoming	..	..	..	...	..	..	..	..	...	..	49
50	Totals (1940)	33	2,792	3	41,835	1,504	41	2,470	4	97,853	1,343	50
51	(1939)	40	3,215	5	45,085	1 622	41	2,467	..	99,291	1,329	51
52	(1938)	37	2,992	2	42 666	1,482	38	1,992	..	90,863	1,080	52
53	(1937)	36	2,835	..	41,028	1,549	39	1,946	3	95,241	1,115	53
54	(1936)	44	3,150	10	41,862	1,536	43	2,118	32	99,273	1,113	54
55	(1935)	52	3,421	11	41,432	1,576	44	2,263	11	97,181	1,080	55
56	(1934)	113	5,575	343	69,600	2,423	55	2,793	19	103,720	1,265	56
57	(1933)	118	5,923	364	69,748	2,620	56	2,622	20	108,565	1,195	57
58	(1932)	122	6,078	390	79,715	2,983	58	2,718	29	116,527	1,357	58
59	(1931)	142	6,476	438	93,415	3,118	64	2,774	27	113,702	1,444	59
60	(1930)	155	6,875	474	......	3,646	73	2,702	14	....	1,433	60
61	(1929)	152	7,004	479	......	3,824	68	2,646	12	....	1,293	61
62	(1928)	169	7,290	449	......	.....	77	2,879	21	....	.....	62
63	(1927)	168	7,039	...	......	3,712	77	2,832	..	....	1,502	63

TABLE 2.—HOSPITAL FACILITIES BY STATES AND BY TYPE OF SERVICE—(Continued)

Marginal No.		Children's: Hospitals	Beds	Bassinets	Patients Admitted	Average Census	Orthopedic: Hospitals	Beds	Bassinets	Patients Admitted	Average Census	Isolation: Hospitals	Beds	Bassinets	Patients Admitted	Average Census
1	Alabama	1	50	..	1,236	33	1	50	..	239	37	..	...	..	......	...
2	Arizona	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...
3	Arkansas	..	...	..	......	...	..	...	..	......	...	1	90	4	908	52
4	California	3	280	10	7,676	191	2	135	..	2,363	132	1	16	..	96	3
5	Colorado	1	200	..	3,827	119	..	...	..	......	...	1	80	..	707	25
6	Connecticut	..	...	..	......	...	1	200	..	124	174	2	222	2	570	75
7	Delaware	..	...	..	......	...	1	85	..	55	40	..	...	..	......	...
8	District of Columbia	1	200	..	6,385	142	..	...	..	......	...	..	...	..	......	...
9	Florida	..	...	..	......	...	2	110	..	320	63	..	...	..	......	...
10	Georgia	1	44	..	1,245	33	2	173	..	643	140	..	...	..	......	...
11	Idaho	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...
12	Illinois	1	252	..	4,162	165	4	475	..	1,031	354	2	454	..	3,097	229
13	Indiana	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...
14	Iowa	..	...	..	......	...	..	...	..	......	...	1	49	..	395	15
15	Kansas	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...
16	Kentucky	1	75	..	1,146	50	2	149	..	902	124	..	...	..	......	...
17	Louisiana	..	...	..	......	...	1	60	..	194	63	..	...	..	......	...
18	Maine	1	100	..	430	78	..	...	..	......	...	..	...	..	......	...
19	Maryland	..	...	..	......	...	2	233	..	538	173	1	110	2	1,211	54
20	Massachusetts	6	585	..	8,181	421	4	516	..	640	426	7	390	4	921	161
21	Michigan	2	265	..	7,447	195	2	140	10	537	118	5	216	6	1,572	70
22	Minnesota	2	105	..	1,671	62	2	310	..	975	277	1	19	..	27	1
23	Mississippi	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...
24	Missouri	2	340	..	6,686	254	2	160	..	616	129	1	200	..	1,081	100
25	Montana	..	...	..	......	...	1	25	5	124	12	1	25	..	87	7
26	Nebraska	..	...	..	......	...	1	110	..	871	92	1	40	..	95	5
27	Nevada	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...
28	New Hampshire	..	...	..	......	...	..	...	..	......	...	1	67	..	66	5
29	New Jersey	1	60	..	1,250	30	7	770	..	4,044	435	8	1,869	2	7,322	875
30	New Mexico	..	...	..	......	...	2	155	..	557	93	..	...	..	......	...
31	New York	5	677	105	12,561	547	12	1,892	..	12,611	1,411	8	1,230	..	13,055	800
32	North Carolina	3	125	3	552	57	2	180	..	495	177	..	...	..	......	...
33	North Dakota	..	...	..	......	...	..	...	..	......	...	1	15	..	18	1
34	Ohio	4	483	8	12,029	327	3	127	..	210	87	2	86	..	263	11
35	Oklahoma	..	...	..	......	...	3	161	..	1,843	68	..	...	..	......	...
36	Oregon	..	...	..	......	...	1	50	..	277	51	1	100	..	441	19
37	Pennsylvania	5	474	..	8,982	321	7	585	..	869	543	5	1,337	5	4,628	317
38	Rhode Island	..	...	..	......	...	..	...	..	......	...	1	265	..	2,053	184
39	South Carolina	..	...	..	......	...	2	81	..	346	70	..	...	..	......	...
40	South Dakota	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...
41	Tennessee	1	84	11	1,450	50	6	243	..	2,076	198	..	...	..	......	...
42	Texas	3	152	..	1,413	63	3	113	..	1,413	86	..	...	..	......	...
43	Utah	1	25	..	91	20	1	20	..	49	20	..	...	..	......	...
44	Vermont	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...
45	Virginia	..	...	..	......	...	1	120	..	230	97	1	24	..	110	3
46	Washington	..	...	..	......	...	2	144	..	1,579	134	1	100	..	135	7
47	West Virginia	..	...	..	......	...	2	90	..	433	41	..	...	..	......	...
48	Wisconsin	1	205	..	3,814	165	..	...	..	......	...	3	355	..	1,045	73
49	Wyoming	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...
50	Totals (1940)	46	4,781	137	92,234	3,263	84	7,062	15	37,294	5,858	57	7,350	25	40,513	3,114
51	(1939)	48	5,151	146	95,137	3,524	82	7,706	..	36,801	5,752	60	7,100	6	30,279	2,655
52	(1938)	52	5,410	115	93,420	3,761	75	7,125	..	33,386	5,620	54	6,145	17	34,017	2,511
53	(1937)	51	5,389	111	89,584	3,714	75	6,880	10	33,015	5,562	56	6,187	23	37,295	2,633
54	(1936)	52	5,279	150	89,916	3,422	71	6,333	10	30,499	5,127	61	6,896	84	37,053	2,886
55	(1935)	51	4,874	118	83,015	3,115	68	6,394	12	28,280	5,010	66	7,084	70	47,004	3,301
56	(1934)	58	5,386	146	87,571	3,629	69	6,389	12	28,076	5,003	71	7,430	45	38,949	2,934
57	(1933)	58	5,486	136	90,307	3,618	69	6,461	10	26,530	4,964	71	6,789	16	40,604	2,801
58	(1932)	58	5,353	172	83,106	3,629	69	6,582	..	31,862	5,229	79	7,314	33	41,874	2,858
59	(1931)	60	5,463	273	83,416	3,823	68	6,569	..	37,842	5,131	86	7,603	50	40,210	2,837
60	(1930)	62	5,597	258	......	3,756	64	6,346	..	......	5,301	88	7,608	44	......	2,460
61	(1929)	61	5,443	248	......	3,586	61	5,943	..	......	4,768	86	7,422	29	......	2,677
62	(1928)	65	5,669	377	......	...	64	5,713	..	......	...	92	8,479	113	......	...
63	(1927)	58	5,050	...	......	2,487	62	5,595	..	......	4,456	98	8,895	...	......	3,264

	Convalescent and Rest: Hospitals	Beds	Bassinets	Patients Admitted	Average Census	Hospital Departments of Institutions: Hospitals	Beds	Bassinets	Patients Admitted	Average Census	All Other Hospitals: Hospitals	Beds	Bassinets	Patients Admitted	Average Census	Totals: Hospitals	Beds	Bassinets	Patients Admitted	Average Census	Marginal No.
Alabama	1	12	..	223	8	4	208	..	3,696	99	..	...	..	......	...	91	14,410	578	127,496	11,697	1
Arizona	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...	50	4,072	277	49,980	3,509	2
Arkansas	..	...	..	......	...	2	58	..	566	22	..	...	..	......	...	63	10,793	357	70,145	8,798	3
California	14	551	..	2,361	446	8	3,508	1	12,815	3,179	..	...	..	......	...	338	79,281	3,504	665,043	64,699	4
Colorado	1	25	..	125	24	5	196	..	2,738	126	..	...	..	......	...	100	13,832	688	105,027	10,523	5
Connecticut	6	231	..	1,093	138	10	641	7	5,883	302	..	...	..	......	...	83	19,194	1,047	159,046	16,237	6
Delaware	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...	17	3,196	195	21,587	2,510	7
District of Columbia	2	202	..	144	180	3	287	..	4,394	217	..	...	..	......	...	29	15,923	697	120,340	13,683	8
Florida	2	115	..	382	32	5	283	2	3,301	165	..	...	..	......	...	101	12,939	745	129,708	9,926	9
Georgia	1	80	..	134	33	3	200	..	3,294	106	2	94	..	3,524	51	120	16,448	790	179,882	13,986	10
Idaho	..	...	..	......	...	1	30	..	1,007	12	..	...	..	......	...	42	3,374	311	38,235	2,703	11
Illinois	13	919	..	3,018	676	10	754	15	11,686	326	1	100	..	134	64	306	82,025	4,280	702,858	69,731	12
Indiana	6	580	..	6,605	261	8	573	..	6,204	306	2	21	..	457	12	135	25,980	1,305	217,118	21,919	13
Iowa	1	20	..	86	14	8	490	..	6,615	225	..	...	..	......	...	150	20,734	1,252	176,961	17,107	14
Kansas	..	...	..	......	...	6	261	..	4,102	89	..	...	..	......	...	119	15,144	850	125,760	11,872	15
Kentucky	1	100	..	19	88	1	104	..	1,247	42	..	...	..	......	...	99	16,286	672	125,905	13,303	16
Louisiana	1	32	..	238	20	1	21	..	250	10	1	454	..	64	395	74	17,767	752	219,214	14,702	17
Maine	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...	62	7,513	459	59,780	6,502	18
Maryland	3	256	..	467	250	1	28	..	486	10	..	...	..	......	...	77	20,912	830	141,636	17,983	19
Massachusetts	12	635	1	1,174	509	9	444	6	5,354	202	4	351	..	5,782	294	248	61,318	3,024	424,951	52,800	20
Michigan	3	310	..	542	137	7	587	..	5,785	331	2	53	..	1,371	29	242	53,420	2,632	414,094	44,082	21
Minnesota	5	377	..	2,404	288	5	283	..	3,716	161	..	...	..	......	...	215	30,381	1,764	272,492	25,679	22
Mississippi	..	...	..	......	...	3	119	..	909	61	..	...	..	......	...	94	9,549	435	85,934	7,923	23
Missouri	2	93	..	99	73	6	617	..	4,736	328	2	129	..	1,655	102	147	32,219	1,574	258,121	26,305	24
Montana	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...	62	5,441	559	61,307	4,212	25
Nebraska	..	...	..	......	...	1	24	..	720	5	..	...	..	......	...	96	10,828	719	85,574	8,580	26
Nevada	..	...	..	......	...	1	34	..	341	10	..	...	..	......	...	17	1,054	96	11,232	815	27
New Hampshire	1	51	..	14	49	2	120	..	658	56	..	...	..	......	...	43	5,072	414	43,497	4,546	28
New Jersey	5	252	..	593	217	11	423	3	4,232	241	1	24	..	26	20	167	46,405	2,319	325,530	38,887	29
New Mexico	..	...	..	......	...	1	48	..	294	16	..	...	..	......	...	56	4,246	268	35,354	2,842	30
New York	29	1,816	..	11,447	1,561	26	5,544	11	12,689	4,953	10	1,461	..	7,812	1,253	571	188,985	8,286	1,329,213	160,075	31
North Carolina	2	36	..	474	19	4	219	..	2,065	95	..	...	..	......	...	166	20,353	1,010	213,292	15,627	32
North Dakota	..	...	..	......	...	1	25	..	261	19	..	...	..	......	...	51	5,977	459	56,177	4,731	33
Ohio	5	366	..	665	328	19	1,775	3	14,094	1,238	2	303	..	551	229	253	56,426	3,098	487,022	48,762	34
Oklahoma	..	...	..	......	...	6	277	1	4,638	85	..	...	..	......	...	130	16,071	760	128,637	13,057	35
Oregon	1	25	..	136	12	3	80	..	1,466	43	..	...	..	......	...	72	11,245	602	100,085	9,481	36
Pennsylvania	12	677	34	2,904	582	17	1,409	12	7,844	919	5	224	..	1,709	158	354	90,792	4,938	723,209	76,632	37
Rhode Island	4	148	..	177	132	1	24	..	406	4	..	...	..	......	...	26	8,380	419	44,402	6,966	38
South Carolina	1	14	..	150	6	..	...	..	......	...	..	...	..	......	...	62	10,625	428	101,207	9,140	39
South Dakota	1	75	..	......	...	1	40	..	197	19	..	...	..	......	...	57	5,623	396	50,757	3,997	40
Tennessee	..	...	..	......	...	4	812	..	2,037	640	..	...	..	......	...	103	16,731	769	152,606	13,794	41
Texas	1	250	..	95	200	7	478	..	7,618	207	1	16	..	378	9	346	38,008	2,133	404,640	30,445	42
Utah	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...	33	3,708	386	44,927	3,004	43
Vermont	..	...	..	......	...	1	11	..	101	6	..	...	..	......	...	31	4,138	212	32,225	3,412	44
Virginia	..	...	..	......	...	5	150	1	2,021	71	..	...	..	......	...	110	22,516	773	175,018	19,055	45
Washington	3	298	..	1,024	268	4	269	..	3,297	147	..	...	..	......	...	118	18,882	1,131	167,278	15,531	46
West Virginia	1	75	..	148	50	1	72	..	496	56	..	...	..	......	...	81	10,828	578	130,711	8,663	47
Wisconsin	2	100	..	193	95	4	161	..	2,088	100	..	...	..	......	...	226	32,052	1,929	270,651	26,422	48
Wyoming	..	...	..	......	...	..	...	..	......	...	..	...	..	......	...	29	2,971	177	21,675	2,187	49
Totals (1940)	142	8,721	35	36,534	6,776	226	21,702	62	156,436	15,318	32	3,230	..	21,433	2,587	6,291	1,226,245	61,939	10,087,548	1,026,171	50
(1939)	139	8,821	36	34,191	6,948	232	25,014	40	160,927	18,200	30	2,796	4	18,882	2,320	6,226	1,195,026	58,761	9,879,244	996,483	51
(1938)	121	5,846	34	36,265	4,305	235	21,808	112	142,714	14,730	63	10,925	4	36,165	7,469	6,166	1,161,380	56,747	9,421,075	965,706	52
(1937)	120	5,566	38	29,411	3,965	240	21,821	61	144,189	14,498	65	9,000	8	44,569	7,933	6,128	1,124,548	55,566	9,221,517	944,436	53
(1936)	130	6,039	38	32,504	4,191	282	25,213	299	157,227	17,831	84	10,033	17	50,678	8,428	6,189	1,096,721	54,225	8,646,885	908,516	54
(1935)	135	6,233	34	28,218	4,437	275	20,793	234	143,434	13,859	89	11,778	48	47,593	10,240	6,246	1,075,139	53,310	7,717,154	875,510	55
(1934)	125	5,456	45	24,083	3,580	312	21,982	310	135,272	14,500	94	8,132	35	36,730	6,402	6,334	1,048,101	53,026	7,147,416	830,008	56
(1933)	130	5,489	50	27,383	3,802	343	21,582	152	151,074	12,991	103	8,308	18	114,849	6,643	6,437	1,027,046	52,464	7,057,982	810,271	57
(1932)	132	5,807	53	25,029	3,954	393	23,924	133	151,021	15,131	74	4,193	12	38,962	3,104	6,562	1,014,354	52,232	7,228,151	808,445	58
(1931)	133	6,123	43	28,628	4,429	414	25,421	137	131,291	16,249	76	4,107	19	35,694	2,845	6,613	974,115	51,494	7,155,976	775,396	59
(1930)	162	7,374	77	......	5,034	461	27,232	169	......	17,855	126	10,140	95	......	7,943	6,719	955,869	49,584	....	763,382	60
(1929)	149	6,474	75	......	4,588	473	24,732	170	......	15,584	127	9,305	79	......	6,941	6,665	907,133	47,939	....	726,766	61
(1928)	171	7,347	69	......	...	529	22,831	161	......	...	99	7,006	9	......	...	6,825	892,934	43,313	....	......	62
(1927)	159	8,143	...	......	5,589	539	21,930	...	......	12,453	84	6,189	..	......	5,139	6,807	853,318	......	....	671,832	63

FACILITIES FOR NEGRO PATIENTS

To the question "Are Negro patients admitted?" the governmental hospitals responded as follows: yes, 1,391; no, 273; no answer, 102.

Of the nongovernmental hospitals, 2,839 replied yes; 1,304 no, and 382 gave no answer.

This makes a total of 4,230 reporting that they accept Negro patients, 1,577 that they do not and 484 that did not supply the answer.

A considerable number of hospitals say they make no distinction and, therefore, keep no separate records for Negro patients, so that a separate census of Negro patients for all hospitals seems impossible.

The question "How many Negro patients were admitted?" was asked, but the response on that question has not as yet been tabulated. The figures given here include the 111 hospitals which are reported exclusively for Negroes. Included among those that answered yes were 3,144 general hospitals, 324 nervous and mental, 301 tuberculosis and 55 orthopedic, as well as some in each classification of other special hospitals. Some hospitals reported that there were no Negroes among their population, and others said that they supplied outpatient service.

The further tabulations which are possible from the questionnaires and the punched cards will afford additional data which may be published at a later date.

The attention of those interested in Negro hospital facilities is especially directed to a special survey

How Hospitals Answered the Question "Are Negro Patients Admitted?"

	Yes	No	No Answer
According to Ownership or Control:			
Federal	205	120	11
State	439	67	15
County	423	43	48
City	274	36	21
City-county	50	7	7
Total governmental	1,391	273	102
Church related	754	195	48
Nonprofit associations	1,341	412	132
Total nonprofit	2,095	607	280
Individual and partnership	542	498	144
Corporations (profit unrestricted)	202	209	38
Total proprietary	744	697	182
Total nongovernmental	2,839	1,304	382
According to Type of Service:			
General	3,144	952	334
Nervous and mental	324	238	38
Tuberculosis	301	141	41
Maternity	55	52	9
Industrial	31	3	2
Eye, ear, nose and throat	26	14	1
Children's	35	8	3
Orthopedic	55	25	6
Isolation	48	1	4
Convalescence and rest	38	85	18
Hospital departments of institutions	152	51	21
All other hospitals	21	9	5
Total all hospitals	4,230	1,577	484

financed by the American Medical Association and directed by the Council on Medical Education and Hospitals. The report of that survey was published in THE JOURNAL of the American Medical Association April 20, 1929, Volume 92, pages 1375 and 1376.

Each locality has its own peculiar conditions which are to be understood and met in providing hospital facilities for its population. Careful study and consideration in the interests of the whole population in each community should be the basis of action. Due account should be taken of existing facilities.

BIRTHS IN HOSPITALS

The number of births reported in all registered hospitals for the year 1940 is 1,214,492, or a gain of 114,779 over the previous year. This is the largest gain registered in any period since 1929, when the census first asked for the number of births in hospitals.

Births in Hospitals

According to Ownership or Control:	1929	1939	1940
Federal	2,206	8,506	9,423
State	9,125	25,724	28,943
County	17,527	55,709	61,963
City	45,787	97,444	96,433
City-county	8,806	14,079	14,449
Total governmental	83,541	195,552	213,211
Church	209,726	360,295	394,765
Fraternal	1,730	.....	.....
Nonprofit associations	.....	434,441	485,256
Industrial	4,327	.....	.....
Independent associations	283,136	.....	.....
Total nonprofit	.....	794,736	880,001
Individual and partnership	39,436	61,669	67,390
Corporations (profit unrestricted)	.....	48,356	53,881
Total proprietary	.....	110,425	121,280
Total nongovernmental	538,355	904,161	1,001,281
According to Type of Service:			
General	566,177	1,051,286	1,163,694
Maternity	53,019	45,604	48,126
Children's	802	2,209	1,984
Hospital departments of institutions	277	138	172
All other hospitals	1,561	326	516
Total births in all hospitals	621,896	1,099,713	1,214,492

How the births in hospitals compared with births outside of hospitals for the year 1940 is not known, since the United States Census figures on all births have not been received. However, the figure given by the United States Census Bureau for all births inside and outside of hospitals for the year 1939 was 2,265,588. It seems apparent, therefore, that appreciably over one half of the births are taking place in hospitals. Ninety-five and eight-tenths per cent of all the hospital births for 1940 were in general hospitals; 4 per cent were in maternity hospitals. In 1929 there were 621,896 births in hospitals, and the average increase in hospital births during the eleven years since that time has been at the rate of 53,872 a year.

OUTPATIENT DEPARTMENTS

The annual census of hospitals for a number of years requested the hospitals to state whether or not they had an outpatient department and, if so, to give the number of patients admitted and the number of visits made by those patients. There was no definition of outpatient department. These questions were continued up to and including the annual census for 1936. The returns indicated that there were about as many persons making use of outpatient departments as were accommodated in inpatient facilities. The total number of outpatient visits reported for the year 1936 was 35,588,640.

The recognized importance of the outpatient department fully justifies a definition of outpatient service and a classification of the different kinds of outpatient service. Such a definition and classification have been undertaken and were commented on in the Hospital Number of THE JOURNAL for March 30, 1940. In that issue, as well as at the present time, we have found it apparently most convenient to include under "outpatient" all ambulatory services connected with hospitals. This would include not only the general

outpatient department, organized and departmentalized and affording service for all types of ailments as they come, but it would include also ambulatory facilities in specialized hospitals, such as for tuberculosis, for mental diseases, for venereal diseases and all other types of ambulatory facilities maintained in connection with hospitals. It would seem logical also that the term "outpatient department" might be applied to the facilities maintained by many physicians in their private hospitals who see part or all of their ambulatory patients at their hospital offices.

Obviously the questions necessary for adequate investigation and classification of all outpatient services would be too elaborate for a simple questionnaire such as is used in the annual census of all hospitals. However, a beginning was made on the classification of outpatient services by including the questions whether the "Hospital maintains an outpatient department exclusive of emergency service and private practice of physicians with office in hospital. . . . Number of outpatients admitted (first admissions, exclusive of emergencies and private patients). . . . Total visits (first visits plus revisits). . . . Number of emergency (first aid) cases treated during the year."

These questions were rather completely answered and have been tabulated only for the group commonly known as general outpatient departments. The number of such outpatient departments reporting is 761, to which 4,420,406 outpatients were admitted. These made a total of 27,221,530 visits.

This total does not include the outpatient visits in clinics conducted by specialized hospitals nor does it embrace the general hospitals that limit their outpatient service to only one or two specialized clinics.

It includes only the data from general outpatient departments.

Considerable additional data regarding all types of hospital outpatient services were obtained but were not sufficiently complete to be included without further follow up and analysis.

HOSPITALS IN ALASKA, CANAL ZONE, GUAM, HAWAII, PHILIPPINES, PUERTO RICO AND VIRGIN ISLANDS

Hospitals in these lands have increased steadily in numbers and capacity. They now number 277, with 29,829 beds and 1,520 bassinets. The increases for last year, and other years since 1934, are shown in the accompanying table. Individual hospitals are named and the usual data concerning each are given in the special list at the end of the list of registered hospitals

Hospitals in Alaska, Canal Zone, Guam, Hawaii, Philippines, Puerto Rico and Virgin Islands

	Hospitals	Beds	Bassinets
Alaska	23	687	94
Canal Zone	9	2,149	64
Guam	1	171	10
Hawaii	56	5,984	320
Philippines	122	13,921	661
Puerto Rico	61	6,765	338
Virgin Islands	5	352	31
Totals (1940)	277	29,829	1,520
(1939)	258	25,488	1,415
(1938)	259	24,232	1,457
(1937)	243	22,464	1,382
(1936)	230	20,719	1,280
(1935)	223	19,436	1,150
(1934)	221	18,420	1,020

for the states. A majority of these hospitals are general. The distribution as to ownership or control is not so different from that in the states, a good share of the hospitalization being carried by the government and by nonprofit organizations, including a considerable number of church related institutions.

Progress that is evident in both quantity and quality speaks for enterprise and professional ideals.

The long distance that must be traveled by annual census questionnaires that are sent beyond the borders of the United States makes it impossible to receive complete returns in time for the publication of the Hospital Number.

INTERNSHIPS, RESIDENCIES AND FELLOWSHIPS

INTERNSHIPS

On March 1, 1941 the number of hospitals approved by the Council on Medical Education and Hospitals for training interns stood at 730. Of this number five institutions are located in Puerto Rico, the Philippine Islands, Hawaii and the Canal Zone. There has been a net decrease of six hospitals since March 1940.

According to reports recently received, the approved hospitals in the states provide a total of 8,182 intern positions. However, this figure does not indicate the number of appointments available each year and therefore cannot properly be compared with the annual number of students completing the four year course in approved medical schools. It must be kept in mind that there are a considerable number of hospitals in which the internship is longer than twelve months in duration. In these cases some of the intern positions are held by graduates in the second year of training. A hospital which has ten interns on a twenty-four month rotation plan, for example, will ordinarily appoint only five new interns each year.

In table A is shown the number of hospitals approved for intern training and the number of graduates of approved medical schools in the United States from 1920 to 1940 inclusive. It will be noted that the hospitals have steadily increased, while the size of graduating classes has been fairly constant since 1935. The proportion of graduates serving internships, however, has slightly increased in recent years. According to reports received from medical schools, 95.5 per cent of the class of 1935 secured internship appoint-

TABLE A.—*Hospitals Approved for Training Interns and Graduates of Approved Medical Schools*

Year	Number of Hospitals	Medical Graduates (U. S.)
1920	469	3,047
1921	482	3,186
1922	492	2,520
1923	500	3,120
1924	518	3,502
1925	528	3,974
1926	554	3,902
1927	578	4,035
1928	611	4,302
1929	624	4,446
1930	654	4,545
1931	674	4,735
1932	696	4,826
1933	699	4,805
1934	670	5,035
1935	697	5,101
1936	705	5,183
1937	712	5,377
1938	729	5,194
1939	734	5,080
1940	730	5,097

ments. From 1938 on the proportion has been practically 99 per cent.

Comparable data on the number of internship appointments offered each year are not immediately available. However, the figures for total internships (including those more than a year in duration) are

TABLE B.—*Growth of Internships*

Year	Number of Hospitals	Total Internships
1914	508	2,057
1916	519	2,709
1920	469	2,949
1921	482	2,962
1922	492	3,065
1923	500	3,119
1924	518	3,289
1925	539	3,952
1926	554	4,727
1927	578	4,952
1928	611	5,109
1929	624	5,409
1930	634	5,551
1931	674	6,154
1932	686	6,261
1933	680	6,204
1934	676	6,304
1935	697	6,443
1936	705	6,750
1937	712	7,167
1938	729	7,524
1939	734	7,853
1940	730	8,182

shown by table B.[1] The steady increase is obvious. Some of the increase has been produced by qualification of additional hospitals. Enlargement of the intern staff, resulting in many cases from an expansion of bed capacity or rising admission rate and average daily census, however, has also been a significant factor.

It is interesting to note that as late as 1925 the total number of internships did not equal the number of graduates of approved schools. As already mentioned, the data in the table do not indicate the annual appointments. However, it is equally true that not all graduates sought intern training until comparatively recent years. On the other hand there is reason to believe that it was not until 1934 or 1935 that all senior students applying for internships were able to secure places in approved hospitals.

In supplying data on the annual report form, a considerable number of hospitals apparently included residency positions in answering the question "Number of appointments each year." As nearly as this error can be corrected, pending correspondence with these hospitals, it is estimated that approximately 6,700 internship appointments are offered annually. Contrasted with the annual number of graduates of approved schools in the United States, there would appear to be a surplus of approximately 1,600 appointments. However, a large number of these surplus appointments are filled by graduates of approved schools repeating the intern year in a second hospital and by graduates of Canadian and of foreign schools.

UNFILLED INTERNSHIP APPOINTMENTS

On the annual report forms sent to approved intern hospitals a space was provided for "Number of vacancies at present." Practically all the hospitals returned the form and supplied this informattion. Two hundred and seventy hospitals reported a total of 615 vacancies. The distribution by states is shown in table C, which also gives the same data for Dec. 31, 1939. It will be noted that there has been an increase of 271 in the number of unfilled appointments.

1. "Special internships," later classified as residencies and fellowships, are not included.

Although statistics are not yet available on the number of approved internships held by graduates of approved schools repeating the intern year, and by graduates of schools in foreign countries, it is probable that both groups have diminished. As will be noted later, residency and fellowship appointments have greatly increased. It seems reasonable to assume that a graduate who has completed his intern year prefers to take a residency appointment rather than to serve a second internship. The war situation, of course, has undoubtedly reduced the flow of graduates of European schools.

During the year 1940 the Council on Medical Education and Hospitals admitted thirteen hospitals to the approved intern list. Twenty-five hospitals either withdrew or were removed. In February 1941 four additional hospitals were approved, and applications for approval are still being received.

TABLE C.—*Hospitals Reporting Unfilled Internship Appointments*

	Dec. 31, 1939		Dec. 31, 1940	
	Number of Hospitals	Number of Vacancies	Number of Hospitals	Number of Vacancies
Alabama	2	2	3	4
Arizona	..	..	2	4
Arkansas	..	..	1	2
California	7	8	8	37
Colorado	3	4	4	4
Connecticut	2	2	5	8
Delaware	1	1	3	4
District of Columbia	..	..	2	2
Florida	1	2	1	4
Georgia	4	6	3	8
Illinois	26	60	30	79
Indiana	5	11	9	23
Iowa	7	16	6	13
Kansas	2	4	2	4
Kentucky	3	9	5	11
Louisiana	2	4	3	8
Maine	1	1	1	2
Maryland	4	6	4	12
Massachusetts	5	7	10	15
Michigan	11	23	12	30
Minnesota	4	8	5	14
Missouri	4	29	11	38
Montana	1	1	1	1
Nebraska	4	5	5	13
New Hampshire	..	..	1	1
New Jersey	10	19	5	11
New York	15	26	31	69
North Carolina	1	1	5	9
North Dakota	2	4	1	..
Ohio	9	19	17	31
Oklahoma	..	..	1	1
Oregon	..	..	2	4
Pennsylvania	14	24	38	93
Rhode Island	2	4	2	2
South Carolina	1	3	1	4
Tennessee	1	1	3	9
Texas	4	7	7	16
Utah	2	2	3	6
Vermont	..	..	1	2
Virginia	..	..	2	2
Washington	3	5	5	7
West Virginia	1	1	2	3
Wisconsin	12	19	6	9
Totals	176	344	270	615

Additional information concerning hospitals approved for training interns and approved residencies and fellowships appears each year in the Educational Number of THE JOURNAL, which is usually published in August.

NECROPSY PERFORMANCE IN INTERN HOSPITAL

Tentative data indicate that forty-one hospitals may have achieved the laudable record of postmortem studies on 70 per cent or more of their deaths (excluding stillbirths and medicolegal cases released without a necropsy being performed by the attending pathologist). In each instance the data will be confirmed and a list of these hospitals will be published in THE JOURNAL at a later date.

In table D is shown the trend of necropsy rates in approved intern hospitals. It will be noted that the

upward trend continues. This is further borne out by calculating the ratio of the total necropsies in approved hospitals to the number of death cases available for postmortem study. In 1938 there was a total of 77,277 necropsies representing 37.6 per cent of the deaths. In 1939 the figures were 79,262 necropsies and 37.8 per cent. In 1940 the necropsies increased to 81,849 and the ratio to 38.9 per cent.

The attention of all hospitals is again called to the minimal necropsy requirements in approved intern hospitals. The old requirement of 15 per cent of deaths other than stillbirths is still in effect. In addition a

TABLE D.—*Necropsy Performance in Approved Intern Hospitals*

	Number of Hospitals					
Percentage	1926	1930	1937	1938	1939	1940
70 or over	14	19	27	27	29	41
50-69	21	56	68	100	115	106
30-49	68	164	263	327	319	334
15-29	146	354	348	260	251	229
Below 15	329	71	26	13	7	8
Hospitals reporting	578	664	732	727	721	718

new requirement of not fewer than thirty-six necropsies, not counting stillbirths, became effective starting with the calendar year 1940. This change in the "Essentials in a Hospital Approved for Training Interns" was announced in a letter accompanying the "Annual Census Blank and Report on Internships and Residencies" sent to approved hospitals on Dec. 31, 1938. It was also published in the THE JOURNAL, Aug. 26, 1939, pages 792 and 793.

RESIDENCIES AND FELLOWSHIPS

At the annual meeting of the American Medical Association in Philadelphia in 1931 a resolution was introduced in the House of Delegates requesting the appointment of a Commission on Qualifications for Specialists. It was to be the function of this commission to consider the type of educational training, clinical experience and other qualifications necessary for those who might wish to be recognized as proficient in any of the special fields of medicine. Examining and certifying boards had already been established in ophthalmology, otolaryngology, obstetrics-gynecology and dermatology-syphilology, but there was need for a national and uniform standard governing all fields of medical practice in order that properly qualified physicians might readily be differentiated from the self-appointed specialists.

It was only natural that the Council on Medical Education and Hospitals should take an active part in this program, since it had long been concerned with the preparation of standards in connection with medical schools, internships and residencies and in the recognition of qualified physicians specializing in pathology and radiology. Recognizing the need of centralized coordination and control, the House of Delegates in 1933 authorized the Council to formulate standards and officially approve such boards as would meet these requirements. It was also urged that the machinery of the American Medical Association, including the publication of its Directory, be used in furthering the work of boards accredited under this plan. Cooperating with the Council is the Advisory Board for Medical Specialties, organized in 1934 to "act in an advisory capacity to such organizations as may seek its advice concerning the coordination of the education and certification of medical specialists."

Standards governing the approval of specialty boards were adopted by the Council in June 1934 and approved by the House of Delegates. At that time similar regulations were established by the Advisory Board. These standards relating to the organization and operation of the boards contain also the minimum qualifications required for certification as a specialist. The latter include graduation from an approved medical school, an internship of not less than one year in a hospital acceptable to the Council, and a period of specialized training of at least three years in a selected field.

Sixteen specialty boards voluntarily organized in accordance with these standards are now fully approved by the Council:

American Board of Anesthesiology,
Paul M. Wood, M.D., Secretary-Treasurer,
745 Fifth Avenue, New York City.

American Board of Dermatology and Syphilology,
C. Guy Lane, M.D., Secretary-Treasurer,
416 Marlboro Street, Boston.

American Board of Internal Medicine,
William S. Middleton, M.D., Secretary-Treasurer,
1301 University Avenue, Madison, Wis.

American Board of Neurological Surgery,
R. Glen Spurling, M.D., Secretary-Treasurer,
404 Brown Building, Louisville, Ky.

American Board of Obstetrics and Gynecology,
Paul Titus, M.D., Secretary-Treasurer,
121 South Highland Avenue, Pittsburgh.

American Board of Ophthalmology,
John Green, M.D., Secretary-Treasurer,
6830 Waterman Avenue, St. Louis.

American Board of Orthopaedic Surgery,
Fremont A. Chandler, M.D., Secretary-Treasurer,
6 North Michigan Avenue, Chicago.

American Board of Otolaryngology,
William P. Wherry, M.D., Secretary-Treasurer,
107 South Seventeenth Street, Omaha.

American Board of Pathology,
Frank W. Hartman, M.D., Secretary-Treasurer,
2799 West Grand Boulevard, Detroit.

American Board of Pediatrics,
C. Anderson Aldrich, M.D., Secretary-Treasurer,
707 Fullerton Avenue, Chicago.

American Board of Plastic Surgery,
Vilray P. Blair, M.D., Secretary-Treasurer,
400 Metropolitan Building, St. Louis.

American Board of Proctology,
(subsidiary of American Board of Surgery),
Louis J. Hirschman, M.D., Chairman,
7815 East Jefferson Avenue, Detroit.

American Board of Psychiatry and Neurology,
Walter Freeman, M.D., Secretary-Treasurer,
1028 Connecticut Avenue N.W., Washington, D. C.

American Board of Radiology,
Byrl R. Kirklin, M.D., Secretary-Treasurer,
102 Second Avenue S.W., Rochester, Minn.

American Board of Surgery,
J. Stewart Rodman, M.D., Secretary-Treasurer,
225 South Fifteenth Street, Philadelphia.

American Board of Urology,
Gilbert J. Thomas, M.D., Secretary-Treasurer.
1009 Nicollet Avenue, Minneapolis.

The Council has undertaken a program of collaboration with the specialty boards aimed at uniformity in the investigation and appraisal of educational opportunities and at the elimination of unnecessary effort in the inspection of hospitals training resident physicians. Formal agreements have already been entered into with ten of the boards, and three others have indicated their desire to work with the Council in the evaluation of residencies, fellowships and other forms of graduate training. Under this plan, official information is first secured from hospitals on blanks printed in triplicate so that one copy may be retained by the hospital, one will be available to the Council and one to the specialty board. If it appears that the hospital is in position to offer a residency program in accordance with present standards, a visit of inspection is carried out by a member of the Council's staff. A copy of the inspection report is then forwarded to the examining board to supplement the information supplied in the original application blank. When the recommendation of the board is at hand, the application for residency approval is submitted for Council action. In this manner it is expected that the final conclusions of the Council and the boards will be identical, so that residencies and fellowships approved by the Council will be equally acceptable to the certifying boards.

This cooperative plan was outlined in THE JOURNAL, March 30, 1940, pages 1172-1173. Reference should also be made to page 978 of the March 26, 1938 issue, which gives more detailed information concerning the inspection and evaluation of residencies in specialties. The new "Essentials of Approved Residencies and Fellowships," formulated with the assistance of the various specialty boards, were published in THE JOURNAL, Aug. 26, 1939, pages 794-799.

At present there are 610 hospitals regarded as capable of furnishing acceptable training in the various specialties indicated in table E. These approved institutions report 1,599 positions as assistant residencies, 2,929 as residencies and 728 as fellowships with appointments usually of one, two or three years' duration, although assignments of six and even seven years have also been noted. Detailed information concerning these services is published annually in the Educational Number of THE JOURNAL.

TABLE E.—*Classification of Residencies and Fellowships*

Specialty	1927	1934	1941				
	Total Residencies	Total Residencies	Residencies	Assistant Residencies	Fellowships	Total	Number of Hospitals Approved
Anesthesiology	19	6	80	27	14	121	39
Cardiology	1	2	5	0	1	6	6
Communicable diseases	26	34	41	6	1	48	17
Dermatology and syphilology	27	22	25	18	35	78	32
Epilepsy	..	7	1	0	0	1	1
Fractures	1	2	4	2	0	6	4
Gynecology	..	32	20	19	1	40	22
Malignant diseases	7	34	43	15	13	71	17
Medicine	220	326	306	201	196	803	102
Mixed	45	23	166	17	0	183	62
Neurology	2	36	30	39	14	73	26
Neurosurgery	..	9	13	9	14	36	20
Obstetrics	..	79	68	33	0	101	55
Obstetrics and gynecology	111	129	154	110	37	301	80
Ophthalmology	75	83	102	37	12	151	51
Ophthalmology-otolaryngology	..	88	65	35	14	114	41
Orthopedic surgery	37	85	122	52	20	194	79
Otolaryngology	64	98	111	50	7	168	63
Pathology	93	110	210	60	62	332	107
Pediatrics	145	255	191	178	24	393	112
Physical therapy	2	..	2	0	3	5	3
Plastic surgery	..	..	4	1	3	8	4
Psychiatry	302	239	335	56	32	423	112
Radiology	49	66	135	69	46	250	122
Surgery	262	404	377	382	141	900	234
Thoracic surgery	..	4	19	6	8	33	17
Traumatic surgery	..	..	2	1	0	3	2
Tuberculosis	159	143	227	37	5	269	86
Urology	34	58	71	41	25	137	69
Other	35	16	..	..	..	..	..
	1,776	2,373	2,929	1,599	728	5,256	*

* Number of hospitals approved for residencies and fellowships, 610.

Table F shows the increase in number of residencies since 1927, when the first list was published by the Council. Prior to that time a classification of special internships was included in the regular intern list. Thus in 1914 there were 428 special internships listed, while ten years later 595 were so designated. During that ten year period the hospitals offering specialized training increased from 95 to 150. Since 1927 the opportunities for residency training have tripled in number. This indicates not only a growing professional interest in specialization but also an evident desire on the part of hospitals to foster and promote the advanced training of young physicians.

The rapid increase in recent years is attributable mainly to the certifying program of the American boards and the resulting emphasis on specialization in private and hospital practice. Many institutions have been stimulated by the growing demands for graduate training to develop residencies in specialties or to expand services already in operation. In some instances the assignments have also been lengthened to provide the full range of clinical and basic training required for certification. Certain tendencies have been noted that may presage a further spread of residency training in the hospital field. Possibly as a result of economic conditions or the uncertainties of the present era an increasing number of graduates are remaining in hospital service beyond the regular one or two year internship. Usually they are anxious that the additional training shall count toward certification and thus new applications for residency approval will ordinarily result unless their service is already recognized. It has also been observed that institutions that have been unable to secure the desired number of interns will frequently supplement their house staff by the appointment of general or special residents. Then too there is the general desire on the part of hospitals to utilize their educational facilities to the fullest extent. It should be realized, however, that Council approval for residency training places on the medical staff a major obligation to furnish educational opportunities in accordance with current standards. The continuation of approval depends not merely on the adequacy of equipment and flow of clinical material but more especially on the cooperation of the staff in amply fulfilling the obligations of a residency training program.

TABLE F.—*Residencies in Specialties, 1927-1941*

Year	Hospitals Approved	Number of Residencies
1927	278	1,776
1929	318	1,999
1930	338	2,068
1931	363	2,139
1932	356	2,141
1934	377	2,373
1935	392	2,564
1936	410	2,840
1937	438	3,202
1938	451	3,499
1939	518	4,563
1940	553	4,882
1941	610	5,256

HOSPITAL SERVICE ACCORDING TO TYPES OF SERVICE AND AGENCIES CONCERNED

ALABAMA

	Hospitals	Beds	Average Census†	Bassinets	Births	Patients Admitted†
General						
Federal	6	2,743	2,232	6	50	14,074
County	2	518	386	48	2,977	12,634
City	2	104	56	11	304	3,047
City-county	3	230	142	40	757	5,818
Church related	7	809	591	91	2,283	27,619
Nonprofit associations	15	1,040	581	134	2,767	25,925
Individual and partnership	29	996	600	148	1,718	19,672
Corporations (profit unrestricted)	6	384	220	50	1,019	9,027
Total	70	6,884	4,008	528	11,275	117,816
Nervous and mental						
State	3	6,606	6,417	..	4	2,249
Individual and partnership	1	50	26	..	...	433
Total	4	6,656	6,443	..	4	2,682
Tuberculosis						
County	5	291	218	..	3	706
Nonprofit associations	3	189	151	..	1	373
Total	8	480	369	..	4	1,079
Maternity						
Church related	2	70	40	50	485	525
Children's						
Nonprofit associations	1	50	33	..	...	1,236
Orthopedic						
Nonprofit associations	1	50	37	..	...	239
Convalescent and rest						
Individual and partnership	1	12	8	..	...	223
Hospital departments of institutions						
State	3	190	98	..	...	3,384
Nonprofit associations	1	18	1	..	...	112
Total	4	208	99	..	...	3,496
Grand total	91	14,410	11,497	578	11,768	127,496

ARIZONA

	Hospitals	Beds	Average Census†	Bassinets	Births	Patients Admitted†
General						
Federal	14	741	511	74	629	11,279
County	6	457	328	44	676	6,240
Church related	5	753	494	85	2,021	20,224
Nonprofit associations	11	400	181	56	1,193	7,472
Individual and partnership	3	55	35	9	69	400
Corporations (profit unrestricted)	1	33	12	5	102	422
Total	40	2,441	1,571	275	4,690	46,297
Nervous and mental						
State	1	900	897	..	...	342
Individual and partnership	1	8	5	..	...	14
Total	2	908	902	..	...	356
Tuberculosis						
Federal	6	1,661	720	2	1	2,582
State	1	104	91	..	...	137
County	1	130	125	..	...	200
Church related	2	92	48	..	...	140
Nonprofit associations	3	142	90	..	...	153
Individual and partnership	4	94	52	..	...	124
Total	17	1,623	1,126	2	1	3,336
Grand total	59	4,972	3,599	277	4,690	49,989

ARKANSAS

	Hospitals	Beds	Average Census†	Bassinets	Births	Patients Admitted†
General						
Federal	2	670	603	3	10	5,314
State	1	205	156	19	339	3,976
County	1	200	184	8	146	1,384
City	3	109	47	16	328	2,524
Church related	11	1,089	657	134	2,647	24,675
Nonprofit associations	10	510	248	59	855	9,350
Individual and partnership	20	534	236	72	864	10,254
Corporations (profit unrestricted)	4	134	30	20	199	1,584
Total	52	3,451	2,161	331	5,358	59,461
Nervous and mental						
Federal	1	1,300	1,207	..	...	686
State	1	4,200	4,305	..	...	1,699
Total	2	5,500	5,512	..	6	2,385

ARKANSAS—Continued

	Hospitals	Beds	Average Census†	Bassinets	Births	Patients Admitted†
Tuberculosis						
State	2	1,354	928	9	...	1,423
Maternity						
Nonprofit associations	1	24	2	13	32	38
Industrial						
Nonprofit associations	2	250	119	..	2	4,604
Eye, ear, nose and throat						
Individual and partnership	1	6	2	..	...	740
Isolation						
Federal	1	90	52	4	18	908
Hospital departments of institutions						
State	2	56	22	..	...	566
Grand total	63	10,703	8,798	357	5,416	70,145

CALIFORNIA

	Hospitals	Beds	Average Census†	Bassinets	Births	Patients Admitted†
General						
Federal	16	7,230	5,551	30	393	53,252
State	2	545	429	30	502	9,263
County	41	12,648	9,732	689	15,569	167,772
City	1	32	21	8	300	1,316
City-county	2	3,430	1,822	50	691	17,469
Church related	36	4,806	3,448	817	19,980	130,624
Nonprofit associations	49	4,827	3,257	849	17,112	132,155
Individual and partnership	70	1,856	1,013	456	8,691	47,768
Corporations (profit unrestricted)	26	1,475	968	345	8,398	45,870
Total	243	36,851	26,240	3,274	71,616	605,429
Nervous and mental						
Federal	1	1,218	1,152	..	...	275
State	9	28,619	26,791	..	5	8,693
Nonprofit associations	1	45	35	..	...	201
Individual and partnership	17	983	864	..	...	1,577
Corporations (profit unrestricted)	7	556	379	1	...	2,119
Total	35	31,421	29,131	1	5	12,365
Tuberculosis						
Federal	2	699	627	..	...	1,168
County	11	2,817	2,624	..	...	2,574
City-county	1	314	96	..	...	164
Church related	2	170	163	..	...	80
Nonprofit associations	8	558	488	..	...	453
Individual and partnership	8	300	211	..	...	367
Corporations (profit unrestricted)	5	384	315	..	...	790
Total	37	5,302	4,524	..	...	5,596
Maternity						
Church related	2	157	124	18	208	261
Nonprofit associations	6	339	245	159	2,572	2,842
Individual and partnership	2	48	21	41	904	899
Total	10	544	390	218	3,684	4,044
Industrial						
Nonprofit associations	3	619	453	..	...	9,637
Eye, ear, nose and throat						
Individual and partnership	1	33	5	..	...	1,006
Corporations (profit unrestricted)	1	21	5	..	...	1,655
Total	2	54	10	..	...	2,661
Children's						
Nonprofit associations	3	280	191	10	37	7,676
Orthopedic						
Nonprofit associations	2	135	132	..	...	2,363
Isolation						
County	1	16	3	..	...	96
Convalescent and rest						
Church related	1	15	11	..	...	128
Nonprofit associations	7	308	232	..	...	1,047
Individual and partnership	4	117	71	..	...	960
Corporations (profit unrestricted)	2	51	32	..	...	196
Total	14	551	446	..	...	2,331
Hospital departments of institutions						
Federal	1	41	35	..	...	518
State	3	394	249	1	1	4,802
County	3	2,944	2,838	..	...	7,104
Nonprofit associations	2	129	57	..	...	391
Total	8	3,508	3,179	1	1	12,815
Grand total	358	79,281	64,699	3,504	75,343	685,943

† Figures for "average census" and "patients admitted" are exclusive of newborn infants.

COLORADO

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	4	1,329	957	13	122	9,080
State	1	245	133	20	629	3,878
County	2	143	113	36	628	4,155
City-county	1	521	300	51	493	7,416
Church related	23	2,298	1,488	366	6,919	49,960
Nonprofit associations	13	736	485	79	1,992	10,776
Individual and partnership	20	327	156	84	949	7,041
Corporations (profit unrestricted)	3	92	35	10	140	1,255
Total	67	5,691	3,069	659	10,882	93,521
Nervous and mental						
Federal	1	805	676	..	...	124
State	4	4,967	4,670	..	5	1,624
Individual and partnership	1	150	190	..	...	235
Corporations (profit unrestricted)	2	186	98	..	...	513
Total	8	6,108	5,574	..	5	2,496
Tuberculosis						
Church related	4	294	185	..	...	222
Nonprofit associations	9	1,101	729	..	...	713
Individual and partnership	1	50	20	..	...	27
Total	14	1,445	934	..	...	962
Maternity						
Church related	1	40	27	20	85	98
Nonprofit associations	1	11	3	9	99	112
Total	2	51	30	29	184	210
Industrial						
Nonprofit associations	1	36	22	..	...	441
Children's						
Nonprofit associations	1	200	119	..	...	3,827
Isolation						
City-county	1	80	25	..	...	707
Convalescent and rest						
Individual and partnership	1	25	24	..	...	125
Hospital departments of institutions						
Federal	1	25	3	..	...	47
State	3	105	70	..	...	2,463
County	1	66	53	..	...	228
Total	5	196	126	..	...	2,738
Grand total	100	13,832	10,523	688	11,071	105,027

CONNECTICUT

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	2	335	212	..	...	2,312
City	1	315	197	25	297	4,467
Church related	4	1,180	944	221	4,780	32,708
Nonprofit associations	29	4,498	3,362	786	16,912	105,392
Individual and partnership	2	34	21	..	...	966
Total	38	6,362	4,768	1,032	21,988	145,955
Nervous and mental						
State	4	8,480	8,334	..	1	1,744
City	1	275	251	..	...	575
Nonprofit associations	1	270	270	..	...	615
Individual and partnership	3	175	111	..	...	228
Corporations (profit unrestricted)	10	574	402	..	...	872
Total	19	9,783	9,368	..	1	4,034
Tuberculosis						
State	5	1,601	1,255	..	1	1,118
Nonprofit associations	1	145	135	..	...	203
Total	6	1,746	1,390	..	1	1,321
Maternity						
Church related	1	9	2	6	66	66
Orthopedic						
Nonprofit associations	1	200	174	..	...	124
Isolation						
City	2	222	75	2	1	570
Convalescent and rest						
Church related	1	110	91	..	...	909
Nonprofit associations	1	40	11	..	...	57
Individual and partnership	4	81	56	..	...	127
Total	6	231	158	..	...	1,093
Hospital departments of institutions						
State	5	437	184	7	66	3,127
Nonprofit associations	5	294	118	..	...	2,756
Total	10	641	302	7	66	5,883
Grand total	83	19,194	16,237	1,047	22,133	159,046

DELAWARE

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	1	46	8	..	...	307
State	1	111	76	4	50	1,072
Church related	1	104	55	31	319	1,806
Nonprofit associations	6	843	513	144	2,721	17,344
Corporations (profit unrestricted)	1	15	7	6	62	235
Total	10	1,119	659	185	3,154	20,834
Nervous and mental						
State	2	1,750	1,612	..	4	411
Tuberculosis						
State	2	200	173	..	...	155
Nonprofit associations	1	22	20	..	...	32
Total	3	222	193	..	...	187
Maternity						
Individual and partnership	1	20	6	10	110	100
Orthopedic						
Nonprofit associations	1	85	40	..	...	55
Grand total	17	3,196	2,510	195	3,268	21,587

DISTRICT OF COLUMBIA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	6	3,174	2,516	77	1,222	26,029
City	1	1,592	985	54	1,929	15,881
Church related	3	698	620	157	3,842	20,064
Nonprofit associations	6	1,131	916	261	4,169	30,392
Corporations (profit unrestricted)	1	250	176	65	655	5,046
Total	17	6,645	5,151	554	11,748	97,412
Nervous and mental						
Federal	1	7,017	6,524	..	...	1,256
City	1	620	588	..	1	65
Total	2	7,637	7,112	..	1	1,321
Tuberculosis						
City	1	670	658	..	...	571
Maternity						
Nonprofit associations	2	177	152	143	2,297	3,883
Eye, ear, nose and throat						
Church related	1	105	71	..	...	6,230
Children's						
Nonprofit associations	1	200	142	..	...	6,385
Convalescent and rest						
Nonprofit associations	1	180	170	..	...	94
Individual and partnership	1	22	10	..	...	50
Total	2	202	180	..	...	144
Hospital departments of institutions						
Federal	1	30	13	..	...	1,146
City	2	257	204	..	...	3,248
Total	3	287	217	..	...	4,394
Grand total	29	15,923	13,683	697	14,046	120,340

FLORIDA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	5	1,094	902	..	...	9,712
County	7	846	637	65	1,870	13,518
City	10	1,294	798	143	3,395	33,983
City-county	1	85	30	10	165	1,513
Church related	7	829	508	133	2,379	19,049
Nonprofit associations	26	1,661	737	215	3,555	28,356
Individual and partnership	20	540	360	123	1,632	11,724
Corporations (profit unrestricted)	4	136	69	31	491	3,440
Total	80	6,277	3,911	720	13,400	123,297
Nervous and mental						
State	2	5,426	5,122	5	3	1,111
Nonprofit associations	1	80	45	..	...	453
Individual and partnership	2	30	9	..	...	164
Total	5	5,536	5,176	5	3	1,728
Tuberculosis						
State	1	392	386	..	2	333
County	1	80	70	..	...	76
City-county	2	99	84	..	...	116
Nonprofit associations	2	33	24	..	...	118
Total	6	595	564	..	2	643

FLORIDA—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Maternity						
Nonprofit associations	1	23	18	18	22	37
Orthopedic						
Nonprofit associations	2	110	60	..	...	320
Convalescent and rest						
Individual and partnership	1	40	13	..	...	128
Corporations (profit unrestricted)	1	75	19	..	...	244
Total	2	115	32	..	...	372
Hospital departments of institutions						
State	3	148	50	2	18	3,117
County	1	110	99	..	...	110
Nonprofit associations	1	25	16	..	...	74
Total	5	283	165	2	18	3,301
Grand total	101	12,939	9,926	745	13,445	129,708

GEORGIA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	6	1,304	1,186	25	220	24,438
County	6	295	125	38	416	6,443
City	5	1,719	943	166	5,522	35,276
City-county	6	384	255	48	1,121	9,334
Church related	6	555	431	91	1,980	16,528
Nonprofit associations	16	1,173	792	197	4,964	34,939
Individual and partnership	67	1,169	534	171	2,949	27,491
Corporations (profit unrestricted)	7	398	154	38	871	9,392
Total	99	6,437	4,220	778	17,492	163,348
Nervous and mental						
Federal	1	1,120	1,075	..	...	602
State	2	7,397	7,444	..	...	1,497
Individual and partnership	2	100	136	..	...	667
Total	5	8,617	8,655	..	...	2,856
Tuberculosis						
State	1	395	284	..	...	613
County	1	48	19	..	...	54
City	1	256	237	..	...	195
Total	3	699	540	..	...	862
Maternity						
Nonprofit associations	1	26	22	12	51	51
Industrial						
Nonprofit associations	2	143	78	..	...	3,174
Eye, ear, nose and throat						
Individual and partnership	1	29	8	..	...	751
Children's						
Nonprofit associations	1	44	33	..	...	1,245
Orthopedic						
Nonprofit associations	2	173	140	..	...	643
Convalescent and rest						
Church related	1	80	33	..	...	134
Hospital departments of institutions						
Federal	1	148	74	..	...	2,732
State	1	26	1	..	...	465
Church related	1	32	31	..	...	97
Total	3	206	106	..	...	3,294
All other hospitals						
City	2	94	51	..	...	3,524
Grand total	120	16,448	13,986	780	17,543	179,882

IDAHO

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	2	218	152	4	39	1,504
County	5	214	139	46	1,108	7,004
Church related	10	709	509	154	2,945	19,110
Nonprofit associations	4	91	46	18	221	1,361
Individual and partnership	12	240	124	50	666	6,008
Corporations (profit unrestricted)	3	58	23	22	316	1,293
Total	36	1,530	1,023	294	5,295	36,280
Nervous and mental						
State	3	1,619	1,531	..	1	451
Tuberculosis						
Federal	1	145	117	..	...	212
Maternity						
Church related	1	30	20	17	226	282
Hospital departments of institutions						
Nonprofit associations	1	30	12	..	...	1,007
Grand total	42	3,374	2,703	311	5,522	38,235

ILLINOIS

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	6	2,850	2,293	10	38	24,491
State	1	433	350	34	473	5,475
County	7	4,708	4,308	285	5,311	91,131
City	12	694	561	156	3,121	21,402
Church related	78	10,798	7,557	1,755	29,708	289,824
Nonprofit associations	76	7,901	5,498	1,632	31,457	213,706
Individual and partnership	21	457	301	98	1,071	8,071
Corporations (profit unrestricted)	7	619	321	130	1,603	14,814
Total	210	28,469	21,148	4,082	82,782	648,914
Nervous and mental						
Federal	2	3,273	3,040	..	...	1,125
State	12	41,894	39,342	13	46	11,191
Church related	1	130	133	..	...	269
Nonprofit associations	1	40	26	..	...	264
Individual and partnership	8	205	217	..	...	643
Corporations (profit unrestricted)	5	297	208	..	...	457
Total	29	45,949	42,969	13	46	13,949
Tuberculosis						
County	17	1,547	1,260	3	...	1,486
City	4	1,706	1,643	1	6	2,350
Nonprofit associations	4	300	233	..	...	567
Corporations (profit unrestricted)	2	208	184	..	...	271
Total	27	3,770	3,320	4	6	4,684
Maternity						
Church related	4	485	235	159	2,747	3,719
Nonprofit associations	1	70	25	4	77	90
Individual and partnership	1	8	2	3	40	306
Total	6	563	262	166	2,864	4,115
Industrial						
Nonprofit associations	1	75	43	..	...	1,719
Eye, ear, nose and throat						
State	1	200	168	..	...	5,522
Corporations (profit unrestricted)	1	45	11	..	...	756
Total	2	245	179	..	...	6,278
Children's						
Nonprofit associations	1	252	165	..	...	4,362
Orthopedic						
Church related	1	270	210	..	...	517
Nonprofit associations	3	205	144	..	...	514
Total	4	475	354	..	...	1,031
Isolation						
City	2	454	229	..	...	3,497
Convalescent and rest						
City	1	270	168	..	...	781
Church related	1	72	46	..	...	940
Nonprofit associations	5	297	240	..	...	707
Individual and partnership	5	115	80	..	...	338
Corporations (profit unrestricted)	1	75	33	..	...	243
Total	13	919	676	..	...	3,018
Hospital departments of institutions						
State	6	521	308	15	...	8,607
City	1	75	17	..	...	1,002
Nonprofit associations	3	156	101	..	...	2,017
Total	10	754	326	15	...	11,626
All other hospitals						
Nonprofit associations	1	100	60	..	...	134
Grand total	306	82,025	69,731	4,280	85,698	702,858

INDIANA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	3	600	401	4	27	5,640
State	1	566	464	38	957	9,359
County	26	1,146	744	238	4,769	30,031
City	4	763	565	65	1,282	13,677
Church related	27	3,960	2,692	690	11,830	100,851
Nonprofit associations	15	1,124	727	204	4,556	28,487
Individual and partnership	12	220	104	64	806	4,997
Corporations (profit unrestricted)	3	193	121	33	230	5,014
Total	91	8,501	5,818	1,335	29,556	198,056
Nervous and mental						
Federal	1	1,509	1,521	..	...	288
State	9	12,848	12,399	..	1	2,359
Church related	1	32	22	..	...	170
Corporations (profit unrestricted)	2	80	39	..	...	295
Total	13	14,469	13,981	..	1	3,112
Tuberculosis						
State	2	402	360	..	...	434
County	8	1,106	912	..	...	1,206
City-county	1	250	216	..	...	495
Total	11	1,758	1,488	..	...	2,135

INDIANA—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Maternity						
Nonprofit associations	1	20	16	20	53	59
Corporations (profit unrestricted)	1	10	7	10	198	258
Total	2	30	23	30	251	317
Industrial						
Nonprofit associations	1	50	29	..	...	682
Eye, ear, nose and throat						
Individual and partnership	1	7	1	..	...	370
Convalescent and rest						
Church related	1	200	85	..	...	1,572
Individual and partnership	1	20	14	..	...	67
Corporations (profit unrestricted)	4	360	162	..	...	4,571
Total	6	580	216	..	...	6,005
Hospital departments of institutions						
State	6	480	238	..	...	5,920
Nonprofit associations	2	84	68	..	...	384
Total	8	573	306	..	...	6,304
All other hospitals						
Nonprofit associations	1	6	4	..	...	217
Individual and partnership	1	15	8	..	...	220
Total	2	21	12	..	...	437
Grand total	135	25,980	21,919	1,395	29,808	217,118

IOWA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	2	383	336	4	25	3,817
State	1	900	697	54	1,709	18,551
County	6	279	203	55	1,252	9,313
City	9	304	158	73	1,247	6,957
Church related	38	3,516	2,281	591	12,767	86,523
Nonprofit associations	21	1,079	636	222	5,776	25,077
Individual and partnership	33	522	259	137	1,699	11,153
Corporations (profit unrestricted)	3	143	82	29	509	3,131
Total	117	7,126	4,652	1,165	25,054	164,521
Nervous and mental						
Federal	1	1,208	1,143	..	...	334
State	7	10,203	9,812	..	...	2,565
Church related	2	420	347	..	...	865
Individual and partnership	1	56	45	..	...	6
Corporations (profit unrestricted)	1	50	35	..	...	136
Total	12	11,937	11,382	..	...	3,906
Tuberculosis						
Federal	1	74	47	3	...	146
State	1	428	397	..	...	322
County	4	387	309	..	...	386
Total	6	889	753	3	...	854
Maternity						
Church related	1	50	28	30	76	81
Nonprofit associations	2	69	41	50	78	95
Individual and partnership	1	4	1	4	48	48
Total	4	123	70	84	202	224
Industrial						
Nonprofit associations	1	40	16	..	...	300
Isolation						
County	1	49	15	..	...	395
Convalescent and rest						
Nonprofit associations	1	20	14	..	...	86
Hospital departments of institutions						
State	8	400	225	..	41	6,615
Grand total	150	20,734	17,107	1,252	25,297	176,761

KANSAS

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	6	1,080	1,005	11	132	13,018
State	1	325	254	25	435	6,015
County	6	202	157	51	819	5,914
City	8	254	116	48	708	4,854
Church related	36	2,907	1,869	453	8,008	67,518
Nonprofit associations	20	656	341	145	2,698	16,286
Individual and partnership	16	257	126	58	762	5,245
Corporations (profit unrestricted)	4	121	62	19	259	2,228
Total	97	6,501	4,130	812	13,901	116,078
Nervous and mental						
State	5	7,306	6,922	7	1	1,626
Individual and partnership	2	67	32	..	...	302
Corporations (profit unrestricted)	1	60	38	..	...	116
Total	8	7,433	7,092	7	1	2,044

KANSAS—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Tuberculosis						
State	1	486	370	..	2	351
County	1	60	40	..	...	60
City-county	1	70	59	..	...	143
Total	3	616	469	..	2	554
Maternity						
Church related	1	73	27	19	87	92
Nonprofit associations	1	20	13	12	28	32
Total	2	93	40	31	115	124
Industrial						
Nonprofit associations	3	240	151	..	...	2,858
Hospital departments of institutions						
Federal	1	40	7	..	...	378
State	5	221	82	..	1	3,724
Total	6	261	89	..	1	4,102
Grand total	119	15,144	11,872	830	14,020	125,700

KENTUCKY

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	4	583	321	15	62	6,633
County	1	100	61	15	286	2,656
City	5	732	515	87	2,186	17,249
City-county	3	125	79	24	466	3,441
Church related	12	1,783	1,256	222	5,453	41,910
Nonprofit associations	24	1,341	653	177	2,180	27,115
Individual and partnership	13	217	90	43	422	3,700
Corporations (profit unrestricted)	11	478	274	65	566	12,180
Total	73	5,361	3,229	648	11,621	114,984
Nervous and mental						
Federal	2	1,550	1,475	..	...	1,011
State	4	7,327	7,087	1	7	1,997
Individual and partnership	5	247	73	..	...	360
Corporations (profit unrestricted)	2	41	25	..	...	455
Total	13	9,174	8,660	1	7	3,873
Tuberculosis						
Federal	1	375	322	..	...	878
State	1	130	99	2	...	298
County	2	122	115	..	...	182
City-county	1	520	488	..	...	416
Total	5	1,147	1,024	2	...	1,774
Maternity						
Church related	1	43	28	19	74	79
Industrial						
Nonprofit associations	1	95	33	2	4	1,479
Eye, ear, nose and throat						
State	1	58	26	..	...	312
Children's						
Nonprofit associations	1	75	50	..	...	1,146
Orthopedic						
Nonprofit associations	2	149	122	..	...	902
Convalescent and rest						
Nonprofit associations	1	100	88	..	...	19
Hospital departments of institutions						
State	1	104	42	..	...	1,247
Grand total	99	16,286	13,301	672	11,709	125,905

LOUISIANA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	3	1,333	1,109	9	66	11,831
State	5	4,393	3,966	286	10,441	165,209
Church related	9	1,245	828	195	4,440	46,723
Nonprofit associations	9	801	353	129	2,709	23,554
Individual and partnership	19	351	151	61	1,257	8,189
Corporations (profit unrestricted)	11	515	395	82	1,450	15,175
Total	56	8,638	6,502	752	20,403	210,672
Nervous and mental						
State	3	7,477	6,940	..	3	1,628
City	1	100	50	..	...	507
Church related	1	330	280	..	...	346
Individual and partnership	1	64	16	..	...	189
Total	6	7,991	7,286	..	3	2,670
Tuberculosis						
State	1	110	109	..	...	113
Nonprofit associations	4	283	194	..	...	392
Individual and partnership	1	18	12	..	...	58
Total	6	411	305	..	...	552

LOUISIANA—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Industrial						
Nonprofit associations	1	60	23	..	...	750
Eye, ear, nose and throat						
Nonprofit associations	1	80	40	..	...	3,924
Orthopedic						
Nonprofit associations	1	60	60	..	...	194
Convalescent and rest						
Nonprofit associations	1	32	20	..	...	238
Hospital departments of institutions						
State	1	21	10	..	...	250
All other hospitals						
Federal	1	454	366	..	...	64
Grand total	74	17,767	14,702	752	20,406	219,214

MAINE

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	4	440	351	1	2	3,893
City	3	244	167	29	250	2,864
Church related	10	481	373	87	1,111	12,483
Nonprofit associations	21	1,449	1,085	242	3,892	32,587
Individual and partnership	8	153	63	45	295	2,122
Corporations (profit unrestricted)	5	184	128	43	466	3,884
Total	51	2,951	2,167	447	6,116	57,743
Nervous and mental						
State	3	3,887	3,757	..	...	540
Individual and partnership	1	18	10	..	...	132
Corporations (profit unrestricted)	1	30	11	..	...	5
Total	5	3,935	3,778	..	...	677
Tuberculosis						
State	3	483	450	..	...	499
Nonprofit associations	1	30	18	..	...	24
Total	4	513	468	..	...	523
Maternity						
Individual and partnership	1	14	11	12	81	407
Children's						
Nonprofit associations	1	100	78	..	...	430
Grand total	62	7,513	6,502	459	6,197	59,780

MARYLAND

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	5	904	595	5	71	9,800
State	4	571	421	60	1,516	10,459
County	3	115	65	22	423	1,626
City	1	1,279	1,102	80	2,285	8,269
City-county	1	106	119	26	505	3,900
Church related	7	1,434	1,101	199	4,368	33,423
Nonprofit associations	19	2,929	2,154	397	7,007	56,623
Individual and partnership	3	58	26	10	85	1,129
Corporations (profit unrestricted)	1	134	102	25	666	3,729
Total	44	7,630	5,685	824	16,727	128,928
Nervous and mental						
Federal	1	1,330	1,317	..	...	313
State	5	8,409	7,947	..	2	1,843
Church related	1	600	576	..	...	307
Nonprofit associations	1	285	280	..	...	385
Individual and partnership	8	344	279	..	...	892
Corporations (profit unrestricted)	1	38	22	..	...	185
Total	17	11,006	10,421	..	2	3,725
Tuberculosis						
State	4	1,149	1,085	..	...	1,349
Nonprofit associations	2	256	242	..	...	252
Total	6	1,405	1,327	..	...	1,601
Industrial						
Nonprofit associations	1	24	5	..	...	32
Eye, ear, nose and throat						
Church related	1	40	8	..	...	1,805
Nonprofit associations	1	60	40	4	...	2,823
Total	2	100	48	4	...	4,628
Orthopedic						
Nonprofit associations	2	233	173	..	...	558
Isolation						
City	1	110	54	2	...	1,211
Convalescent and rest						
Nonprofit associations	3	256	250	..	...	467
Hospital departments of institutions						
City	1	28	10	..	...	486
Grand total	77	20,912	17,983	830	16,729	141,636

MASSACHUSETTS

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	6	1,497	1,047	15	121	9,275
State	2	3,761	2,987	40	301	5,191
City	15	4,859	3,231	377	8,420	85,396
Church related	13	2,332	1,788	354	6,758	50,058
Nonprofit associations	83	8,944	6,429	1,616	28,830	204,562
Individual and partnership	8	167	77	55	378	1,993
Corporations (profit unrestricted)	16	906	505	209	3,714	17,471
Total	143	22,466	16,066	2,657	47,861	373,896
Nervous and mental						
Federal	2	2,282	2,020	..	...	405
State	17	28,355	28,475	12	15	8,571
Nonprofit associations	4	232	255	..	...	1,079
Individual and partnership	3	67	34	..	...	176
Corporations (profit unrestricted)	6	292	221	..	...	724
Total	32	31,228	31,015	12	15	11,015
Tuberculosis						
State	4	1,208	1,001	..	...	1,491
County	8	1,363	1,154	2	3	1,343
City	4	1,041	737	2	3	1,385
Nonprofit associations	7	320	245	..	...	498
Total	23	3,932	3,137	2	5	4,717
Maternity						
Church related	2	132	83	72	582	869
Nonprofit associations	4	261	205	261	4,289	5,441
Individual and partnership	1	10	6	9	222	219
Total	7	403	294	342	5,093	6,229
Eye, ear, nose and throat						
Nonprofit associations	1	228	143	..	...	7,042
Children's						
Nonprofit associations	6	585	421	..	...	8,181
Orthopedic						
State	1	316	253	..	...	255
Nonprofit associations	3	260	173	..	...	385
Total	4	576	426	..	...	640
Isolation						
City	7	350	163	4	1	921
Convalescent and rest						
Church related	1	215	208	..	...	147
Nonprofit associations	5	295	271	..	...	680
Individual and partnership	5	85	70	1	...	310
Corporations (profit unrestricted)	1	30	20	..	...	37
Total	12	625	569	1	...	1,174
Hospital departments of institutions						
State	2	107	40	..	...	1,859
City	2	196	140	..	...	532
City-county	1	30	14	..	...	427
Nonprofit associations	4	111	48	6	...	2,536
Total	9	444	262	6	...	5,354
All other hospitals						
State	1	147	127	..	...	1,510
Nonprofit associations	3	204	166	..	...	4,272
Total	4	351	293	..	...	5,782
Grand total	248	61,318	52,809	3,024	52,975	424,851

MICHIGAN

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	5	849	635	5	32	7,976
State	3	1,435	851	52	845	18,415
County	10	5,985	4,675	81	1,092	22,367
City	33	3,741	2,920	420	9,033	77,278
City-county	1	21	11	6	176	661
Church related	29	3,867	2,736	785	19,961	105,380
Nonprofit associations	58	5,521	3,673	1,055	23,515	130,821
Individual and partnership	30	663	393	152	1,617	13,690
Corporations (profit unrestricted)	1	15	7	5	87	258
Total	169	22,099	15,811	2,561	56,158	384,949
Nervous and mental						
Federal	1	1,338	1,058	..	...	393
State	10	18,545	17,858	6	11	3,292
County	3	4,550	4,275	..	...	1,094
Church related	2	401	370	..	...	787
Nonprofit associations	1	330	270	..	...	254
Corporations (profit unrestricted)	3	108	58	..	...	336
Total	20	25,472	23,889	6	11	6,156
Tuberculosis						
State	2	696	568	2	2	333
County	11	1,212	986	..	...	1,561
City	2	969	918	..	...	856
Nonprofit associations	8	987	662	..	1	994
Individual and partnership	2	118	103	..	...	211
Corporations (profit unrestricted)	2	215	180	..	1	130
Total	27	4,197	3,569	2	4	4,091

MICHIGAN—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Maternity						
Church related	2	93	62	35	566	565
Nonprofit associations	1	25	17	12	53	51
Total	3	118	79	47	539	616
Industrial						
Nonprofit associations	2	61	24	..	...	1,048
Children's						
State	1	26	11	..	...	230
Nonprofit associations	1	239	184	..	...	7,117
Total	2	265	195	..	...	7,447
Orthopedic						
Nonprofit associations	2	140	118	10	...	537
Isolation						
County	2	120	40	..	1	886
City	2	48	17	6	...	306
City-county	1	48	13	..	...	380
Total	5	216	70	6	1	1,572
Convalescent and rest						
Nonprofit associations	2	270	107	..	...	448
Individual and partnership	1	40	30	..	...	94
Total	3	310	137	..	...	542
Hospital departments of institutions						
Federal	1	21	12	..	...	375
State	4	296	129	..	...	4,397
County	1	225	164	..	...	973
Nonprofit associations	1	45	26	..	...	150
Total	7	587	331	..	...	5,785
All other hospitals						
Corporations (profit unrestricted)	2	53	29	..	...	1,371
Grand total	247	53,420	44,082	2,622	56,733	414,694

MINNESOTA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	7	983	797	30	423	8,657
State	1	450	309	25	446	8,785
County	2	101	84	15	434	2,524
City	14	1,098	729	177	3,937	22,392
City-county	3	942	671	66	1,374	15,444
Church related	37	5,597	2,738	560	13,273	90,450
Nonprofit associations	47	2,582	1,747	482	9,966	67,823
Individual and partnership	49	821	387	234	2,871	17,137
Corporations (profit unrestricted)	7	337	286	39	494	13,572
Total	167	11,103	7,921	1,648	32,318	249,629
Nervous and mental						
Federal	1	1,059	1,053	..	...	282
State	9	14,539	13,737	21	27	2,985
Nonprofit associations	1	58	31	..	...	229
Individual and partnership	3	55	47	..	...	239
Total	14	15,711	14,868	21	27	3,745
Tuberculosis						
State	1	480	401	..	...	480
County	13	1,537	1,307	6	9	1,126
City-county	1	90	90	..	..	18
Total	15	2,117	1,848	6	9	1,624
Maternity						
Church related	1	75	45	11	142	206
Nonprofit associations	2	93	76	78	910	1,091
Total	3	168	121	89	1,052	1,299
Eye, ear, nose and throat						
Corporations (profit unrestricted)	1	188	132	..	1	7,302
Children's						
City	1	40	29	..	...	92
Nonprofit associations	1	65	33	..	...	1,580
Total	2	105	62	..	...	1,672
Orthopedic						
State	1	250	216	..	...	815
Nonprofit associations	1	60	61	..	...	160
Total	2	310	277	..	...	975
Isolation						
City	1	19	1	..	...	27
Convalescent and rest						
City	1	175	153	..	...	666
Nonprofit associations	3	127	111	..	...	722
Corporations (profit unrestricted)	1	75	24	..	...	1,076
Total	5	377	288	..	...	2,464
Hospital departments of institutions						
State	5	283	161	..	...	3,716
Grand total	215	30,381	25,079	1,764	33,407	272,492

MISSISSIPPI

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	2	242	211	7	62	2,615
State	5	298	271	45	1,008	12,164
County	3	86	51	10	169	2,045
City	2	40	15	7	65	779
City-county	2	80	42	10	194	2,091
Church related	2	235	162	38	681	8,736
Nonprofit associations	34	1,796	1,077	189	2,891	31,227
Individual and partnership	30	881	356	117	1,501	17,706
Corporations (profit unrestricted)	2	95	37	11	138	1,473
Total	82	3,303	2,202	434	6,730	81,136
Nervous and mental						
Federal	1	788	763	..	...	509
State	3	4,725	4,466	1	12	2,444
Nonprofit associations	1	26	12	..	...	223
Corporations (profit unrestricted)	1	22	8	..	...	130
Total	6	5,556	5,279	1	12	3,306
Tuberculosis						
State	1	425	328	..	4	425
County	1	34	30	..	...	32
Nonprofit associations	1	50	23	..	...	26
Total	3	509	381	..	4	483
Hospital departments of institutions						
State	3	119	61	..	...	999
Grand total	94	9,549	7,923	435	6,746	85,924

MISSOURI

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	5	1,777	1,593	6	19	9,109
State	1	150	54	8	78	2,933
County	6	392	256	74	1,200	8,291
City	19	2,798	2,030	222	5,466	45,501
Church related	33	4,964	2,649	655	14,686	139,727
Nonprofit associations	19	1,277	813	201	3,068	29,775
Individual and partnership	19	442	223	94	792	8,067
Corporations (profit unrestricted)	5	167	91	22	190	3,603
Total	98	11,967	8,646	1,282	24,902	228,056
Nervous and mental						
State	5	10,914	9,988	..	4	2,686
City	2	4,025	3,926	1	1	280
Church related	3	500	450	..	...	223
Nonprofit associations	1	49	29	..	...	230
Individual and partnership	3	60	34	..	...	288
Corporations (profit unrestricted)	3	118	67	..	...	140
Total	17	15,686	14,512	1	5	3,927
Tuberculosis						
State	1	740	723	..	2	774
County	1	115	113	..	...	130
City	2	970	723	..	...	722
Church related	1	135	124	..	...	172
Nonprofit associations	1	108	65	..	...	70
Total	6	2,068	1,748	..	2	1,897
Maternity						
Church related	3	197	66	80	905	1,151
Nonprofit associations	3	172	102	112	1,916	2,256
Individual and partnership	1	75	29	75	142	145
Corporations (profit unrestricted)	1	50	30	24	149	148
Total	8	494	227	291	3,112	3,700
Industrial						
Nonprofit associations	2	400	172	..	...	5,309
Eye, ear, nose and throat						
State	1	65	14	..	...	159
Children's						
Nonprofit associations	2	340	254	..	...	6,686
Orthopedic						
Nonprofit associations	2	160	129	..	...	616
Isolation						
City	1	200	100	..	...	1,881
Convalescent and rest						
Church related	1	69	69	..	...	49
Individual and partnership	1	25	13	..	...	50
Total	2	93	73	..	...	99
Hospital departments of institutions						
State	3	314	116	..	...	3,939
City	1	95	85	..	...	409
Nonprofit associations	2	208	127	..	...	997
Total	6	617	328	..	...	4,736
All other hospitals						
State	1	85	64	..	...	681
Nonprofit associations	1	44	38	..	...	1,174
Total	2	129	102	..	...	1,855
Grand total	147	32,219	26,905	1,574	28,021	258,121

MONTANA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	8	436	316	35	462	6,790
County	6	300	224	27	344	2,220
Church related	22	1,005	1,014	211	5,329	33,501
Nonprofit associations	8	469	280	98	1,123	9,044
Individual and partnership	8	157	99	45	393	3,508
Corporations (profit unrestricted)	3	150	95	31	418	3,354
Total	56	3,108	2,009	547	8,269	58,891
Nervous and mental						
State	1	1,920	1,907	..	1	459
Tuberculosis						
State	1	288	235	..	...	207
Maternity						
Nonprofit associations	1	19	2	6	37	69
Industrial						
Nonprofit associations	1	76	60	1	...	1,558
Orthopedic						
Nonprofit associations	1	25	12	5	...	124
Isolation						
City-county	1	25	7	..	...	87
Grand total	62	5,441	4,212	550	8,307	61,307

NEBRASKA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	4	370	300	9	25	3,785
State	1	210	171	39	491	3,448
County	1	400	343	15	68	2,646
City	3	241	227	27	608	6,606
Church related	26	2,255	1,229	356	6,696	47,721
Nonprofit associations	6	218	126	43	602	7,231
Individual and partnership	42	649	273	102	1,927	12,252
Corporations (profit unrestricted)	3	159	118	17	200	1,219
Total	86	4,502	2,774	609	10,537	82,728
Nervous and mental						
State	4	5,777	5,508	..	...	840
Tuberculosis						
State	1	195	155	..	...	168
Maternity						
State	1	9	6	12	53	54
Church related	1	71	43	18	97	98
Total	2	80	43	30	150	152
Orthopedic						
State	1	110	92	..	...	871
Isolation						
City	1	40	5	..	...	95
Hospital departments of institutions						
State	1	24	5	..	...	720
Grand total	96	10,828	8,580	719	10,687	85,574

NEVADA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	4	119	79	12	93	1,520
County	7	265	209	29	673	5,577
Church related	1	75	59	15	255	1,934
Nonprofit associations	2	60	28	10	119	560
Corporations (profit unrestricted)	1	31	25	11	147	1,167
Total	15	660	400	96	1,285	10,797
Nervous and mental						
State	1	340	345	..	...	94
Hospital departments of institutions						
Federal	1	34	10	..	...	341
Grand total	17	1,054	815	96	1,285	11,232

NEW HAMPSHIRE

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	1	152	63	..	...	578
County	4	240	195	33	501	3,328
City	1	60	44	15	242	1,460
Church related	4	384	247	65	1,064	7,686
Nonprofit associations	25	1,399	874	301	4,399	28,831
Total	35	2,235	1,423	414	6,206	41,883
Nervous and mental						
State	2	2,950	2,847	..	1	712
Tuberculosis						
State	1	140	108	..	...	64
Corporations (profit unrestricted)	1	100	78	..	...	100
Total	2	240	186	..	...	164

NEW HAMPSHIRE—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Isolation						
City	1	67	5	..	...	66
Convalescent and rest						
Nonprofit association	1	51	49	..	...	14
Hospital departments of institutions						
County	1	67	47	..	...	82
Nonprofit associations	1	55	8	..	...	576
Total	2	120	56	..	...	658
Grand total	43	5,672	4,548	414	6,207	43,497

NEW JERSEY

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	3	679	92	6	12	3,218
County	3	854	310	57	...	1,797
City	3	1,679	1,547	57	2,105	26,396
Church related	16	3,389	2,386	456	10,071	67,815
Nonprofit associations	20	7,429	5,410	1,444	30,120	178,868
Individual and partnership	4	66	30	21	180	1,295
Corporations (profit unrestricted)	1	90	32	..	...	470
Total	50	14,150	10,007	1,994	42,507	280,020
Nervous and mental						
Federal	1	1,750	1,326	..	...	575
State	8	16,396	15,854	2	9	3,456
County	6	6,056	5,729	2	1	1,357
Nonprofit associations	1	749	707	..	...	330
Individual and partnership	2	41	35	..	...	74
Corporations (profit unrestricted)	5	230	164	..	...	504
Total	24	25,123	23,815	4	9	6,296
Tuberculosis						
State	1	475	443	..	...	342
County	10	2,393	2,196	..	2	2,537
Nonprofit association	2	239	243	..	...	694
Individual and partnership	2	74	62	..	...	66
Corporations (profit unrestricted)	2	106	64	..	...	73
Total	17	3,308	3,008	..	2	3,712
Maternity						
County	1	275	181	284	5,190	6,169
Church related	1	8	6	7	56	85
Nonprofit associations	1	27	25	35	62	107
Total	3	310	212	326	5,308	6,292
Eye, ear, nose and throat						
Nonprofit associations	1	65	27	..	...	2,141
Children's						
Nonprofit associations	1	60	30	..	...	1,250
Orthopedic						
Nonprofit associations	7	770	435	..	...	4,044
Isolation						
County	3	1,216	559	..	4	5,913
City	5	644	316	2	...	1,409
Total	8	1,860	875	2	4	7,322
Convalescent and rest						
City	1	145	142	..	...	70
Nonprofit associations	1	60	30	..	...	337
Individual and partnership	1	10	6	..	...	30
Corporations (profit unrestricted)	2	57	39	..	...	156
Total	5	272	217	..	...	593
Hospital departments of institutions						
State	7	242	108	3	24	2,515
City	1	100	96	..	...	288
Church related	1	13	13	..	...	22
Nonprofit associations	2	68	22	..	...	1,407
Total	11	423	241	3	24	4,232
All other hospitals						
Nonprofit associations	1	24	20	..	...	28
Grand total	167	46,405	38,887	2,319	47,844	325,530

NEW MEXICO

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	13	1,000	732	65	410	10,978
State	1	86	12	5	82	560
City	2	67	34	14	433	1,782
Church related	10	711	382	89	1,703	11,479
Nonprofit associations	8	243	97	49	754	4,628
Individual and partnership	8	128	53	32	377	3,030
Corporations (profit unrestricted)	1	24	6	3	18	365
Total	43	2,351	1,316	267	3,777	32,751

NEW MEXICO—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Nervous and mental						
State	2	980	939	..	...	234
Tuberculosis						
Federal	2	341	304	..	...	355
State	1	86	85	..	...	150
Church related	1	65	65	..	...	74
Nonprofit associations	2	121	72	1	...	152
Total	6	613	466	1	...	731
Industrial						
Nonprofit associations	2	19	42	..	...	787
Orthopedic						
State	1	125	78	..	...	262
Nonprofit associations	1	30	15	..	...	295
Total	2	155	93	..	...	557
Hospital departments of institutions						
State	1	48	16	..	...	294
Grand total	56	4,246	2,872	268	3,777	35,354

NEW YORK

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	19	5,492	3,538	44	373	41,140
State	1	36	14	..	...	576
County	9	2,057	1,755	112	1,869	21,551
City	31	15,197	14,449	1,169	24,151	299,435
Church related	56	9,564	7,156	1,519	30,171	289,070
Nonprofit associations	164	24,694	18,137	3,867	79,509	519,067
Individual and partnership	31	938	405	253	3,746	16,627
Corporations (profit unrestricted)	28	2,856	1,714	591	12,998	62,134
Total	339	60,834	47,219	7,576	152,747	1,169,580
Nervous and mental						
Federal	2	3,430	3,393	..	...	730
State	31	97,114	92,975	60	90	21,050
Church related	2	460	351	..	...	183
Nonprofit associations	4	636	470	..	...	3,989
Individual and partnership	15	535	353	..	...	1,178
Corporations (profit unrestricted)	9	1,178	840	..	...	1,976
Total	63	103,293	98,392	60	90	29,706
Tuberculosis						
Federal	2	997	876	..	...	1,209
State	4	1,129	1,016	..	5	1,134
County	25	3,125	2,715	2	...	2,581
City	5	3,335	3,178	10	20	4,240
City-county	1	131	127	..	...	104
Church related	7	1,448	1,208	..	...	2,011
Nonprofit associations	10	1,120	957	..	...	1,173
Individual and partnership	2	45	36	..	...	76
Corporations (profit unrestricted)	1	20	19	..	...	23
Total	57	11,350	10,232	12	25	12,441
Maternity						
Church related	4	207	111	165	2,745	3,154
Nonprofit associations	4	351	227	197	3,570	6,979
Individual and partnership	6	155	81	136	2,708	2,979
Corporations (profit unrestricted)	1	24	15	24	521	553
Total	15	737	434	522	9,643	12,765
Industrial						
Nonprofit associations	1	28	12	..	...	247
Eye, ear, nose and throat						
Nonprofit associations	6	643	361	..	...	34,899
Children's						
Church related	2	227	173	57	643	2,233
Nonprofit associations	3	450	374	48	1,234	10,328
Total	5	677	547	105	1,877	12,561
Orthopedic						
State	1	310	99	..	...	65
City-county	1	190	114	..	...	127
Church related	3	310	208	..	...	662
Nonprofit associations	7	1,152	989	..	...	11,947
Total	12	1,802	1,411	..	...	12,611
Isolation						
County	1	18	1	..	...	25
City	7	1,212	799	..	4	13,030
Total	8	1,230	800	..	4	13,055
Convalescent and rest						
Church related	4	186	148	..	...	1,341
Nonprofit associations	15	1,331	1,109	..	...	9,149
Individual and partnership	9	275	192	..	...	886
Corporations (profit unrestricted)	1	24	12	..	...	71
Total	29	1,816	1,561	..	...	11,447

NEW YORK—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Hospital departments of institutions						
State	8	522	277	11	...	6,876
County	8	1,168	1,025	..	...	1,958
City	3	2,951	2,945	..	...	1,454
Church related	1	55	44	..	...	77
Nonprofit associations	6	913	662	..	...	1,736
Total	26	5,544	4,953	11	...	12,099
All other hospitals						
State	1	82	49	..	...	1,234
City	2	277	261	..	1	1,778
Church related	5	795	704	..	...	1,289
Nonprofit associations	2	307	248	..	...	3,111
Total	10	1,461	1,253	..	1	7,812
Grand total	571	188,985	167,075	8,286	164,387	1,329,713

NORTH CAROLINA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	3	868	393	16	179	7,982
County	6	315	225	46	1,627	8,959
City	2	343	253	43	1,979	9,159
City-county	5	235	140	34	619	5,525
Church related	14	1,084	739	152	3,357	25,914
Nonprofit associations	70	4,823	3,624	586	11,086	121,822
Individual and partnership	14	397	126	67	976	9,846
Corporations (profit unrestricted)	8	397	229	58	798	10,952
Total	122	8,372	5,003	1,002	19,121	199,250
Nervous and mental						
State	4	8,308	7,614	..	5	2,052
Individual and partnership	2	117	65	..	...	295
Corporations (profit unrestricted)	3	220	92	..	...	734
Total	9	8,645	7,771	..	5	3,081
Tuberculosis						
Federal	1	850	769	..	...	1,348
State	2	950	885	..	...	1,365
County	9	624	541	..	...	600
City-county	1	56	28	..	...	59
Nonprofit associations	2	61	53	..	...	68
Individual and partnership	3	110	66	..	...	109
Corporations (profit unrestricted)	2	38	23	..	...	80
Total	20	2,689	2,365	..	...	3,480
Maternity						
Nonprofit associations	1	25	20	5	34	33
Eye, ear, nose and throat						
Individual and partnership	3	62	30	..	...	3,262
Children's						
Nonprofit associations	2	70	37	3	...	447
Individual and partnership	1	55	20	..	...	105
Total	3	125	57	3	...	552
Orthopedic						
State	1	160	160	..	...	382
Nonprofit associations	1	20	17	..	...	113
Total	2	180	177	..	...	495
Convalescent and rest						
Individual and partnership	2	36	19	..	...	474
Hospital departments of institutions						
State	2	169	85	..	...	2,175
Church related	1	25	6	..	...	300
Nonprofit associations	1	25	4	..	...	190
Total	4	219	95	..	...	2,665
Grand total	166	20,353	15,627	1,010	19,160	213,292

NORTH DAKOTA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	6	405	230	27	373	4,772
County	1	50	23	4	74	439
City	1	28	7	5	54	272
Church related	23	1,747	1,109	294	5,095	40,318
Nonprofit associations	8	239	161	62	843	7,411
Individual and partnership	5	79	39	24	287	1,737
Total	44	2,546	1,569	416	6,726	54,949

NORTH DAKOTA—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Nervous and mental						
State	2	2,950	2,893	4	...	568
Tuberculosis						
State	1	368	307	..	...	224
Maternity						
Nonprofit associations	1	58	30	30	74	109
Individual and partnership	1	15	2	9	29	29
Total	2	73	32	39	103	138
Isolation						
City	1	15	1	..	...	18
Hospital departments of institutions						
State	1	25	19	..	...	269
Grand total	51	5,977	4,731	439	6,829	56,177

OHIO

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	5	1,563	1,317	205	29	11,909
State	2	424	308	32	734	9,309
County	6	534	368	84	1,871	10,585
City	16	3,398	2,421	289	7,712	50,836
Church related	34	6,030	4,643	909	24,017	150,569
Nonprofit associations	77	7,281	5,132	1,246	29,614	192,281
Individual and partnership	9	218	105	39	516	5,561
Corporations (profit unrestricted)	4	187	78	39	528	3,924
Total	153	19,635	14,372	2,843	65,941	442,864
Nervous and mental						
Federal	1	1,522	1,359	..	...	686
State	13	27,987	26,727	2	11	5,457
Nonprofit associations	3	330	252	1	3	606
Individual and partnership	5	134	78	..	...	373
Corporations (profit unrestricted)	11	576	413	..	...	1,198
Total	33	29,829	28,829	3	14	8,410
Tuberculosis						
State	1	240	192	..	...	402
County	16	2,415	2,135	..	2	2,512
City	1	434	425	..	...	360
Nonprofit associations	1	40	39	..	...	39
Individual and partnership	2	165	127	..	...	185
Corporations (profit unrestricted)	2	260	247	..	...	238
Total	23	3,554	3,165	..	2	3,736
Maternity						
Church related	5	165	105	155	3,221	3,647
Nonprofit associations	3	97	70	86	378	421
Total	8	262	175	241	3,599	4,068
Eye, ear, nose and throat						
Individual and partnership	1	6	1	..	...	128
Children's						
Church related	1	216	133	..	...	4,531
Nonprofit associations	2	242	186	..	...	6,906
Individual and partnership	1	25	8	8	55	502
Total	4	483	327	8	55	12,029
Orthopedic						
Church related	1	23	19	..	...	8
Nonprofit associations	2	104	68	..	...	202
Total	3	127	87	..	...	210
Isolation						
City	2	86	11	..	...	261
Convalescent and rest						
County	1	112	110	..	...	95
Nonprofit associations	4	254	218	..	...	570
Total	5	366	328	..	...	665
Hospital departments of institutions						
Federal	1	73	38	..	...	1,506
State	7	537	228	3	3	8,639
County	3	560	510	..	...	1,071
City	1	170	104	..	...	250
Nonprofit associations	7	435	298	..	...	2,628
Total	19	1,775	1,238	3	3	13,694
All other hospitals						
Federal	1	250	224	..	...	330
Individual and partnership	1	13	5	..	...	221
Total	2	263	229	..	...	551
Grand total	253	56,426	48,702	3,606	68,814	487,022

OKLAHOMA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	10	1,683	1,136	95	1,658	21,218
State	2	545	434	27	567	7,720
County	3	141	76	24	573	2,204
City	4	138	61	25	620	3,492
City-county	1	20	6	3	20	272
Church related	8	995	617	143	3,851	25,498
Nonprofit associations	14	672	396	101	1,957	14,355
Individual and partnership	49	1,299	543	220	3,849	27,693
Corporations (profit unrestricted)	15	479	269	91	1,987	13,027
Total	106	5,982	3,448	729	14,482	116,218
Nervous and mental						
State	6	8,634	8,334	..	4	3,047
Corporations (profit unrestricted)	2	92	39	..	...	431
Total	8	8,726	8,373	..	4	3,478
Tuberculosis						
Federal	1	150	99	..	...	101
State	3	801	744	..	1	1,949
Individual and partnership	2	52	31	..	...	179
Total	6	1,003	874	..	1	2,229
Maternity						
Church related	1	22	9	30	195	231
Orthopedic						
Nonprofit associations	1	53	26	..	...	50
Individual and partnership	1	85	29	..	...	1,255
Corporations (profit unrestricted)	1	41	22	..	...	538
Total	3	161	68	..	...	1,843
Hospital departments of institutions						
Federal	3	137	39	1	...	1,344
State	3	140	46	..	...	3,294
Total	6	277	85	1	...	4,638
Grand total	130	16,071	13,057	760	14,682	128,637

OREGON

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	4	508	400	14	83	4,231
State	1	435	430	30	771	8,819
County	1	51	25	12	202	1,036
Church related	16	1,885	1,412	305	7,238	52,030
Nonprofit associations	7	300	154	64	1,276	7,510
Individual and partnership	13	392	210	78	1,097	8,572
Corporations (profit unrestricted)	12	512	310	72	1,537	12,809
Total	54	4,091	2,941	575	12,216	95,157
Nervous and mental						
Federal	2	886	765	..	...	411
State	3	5,253	4,986	..	1	1,346
Total	5	6,139	5,751	..	1	1,757
Tuberculosis						
State	2	520	494	..	...	388
County	1	41	30	..	...	58
Nonprofit associations	1	40	30	..	...	126
Total	4	601	554	..	...	572
Maternity						
Church related	1	35	27	7	91	129
Nonprofit associations	2	124	83	20	73	157
Total	3	159	110	27	164	279
Orthopedic						
Nonprofit associations	1	50	51	..	...	277
Isolation						
City	1	100	19	..	1	441
Convalescent and rest						
Individual and partnership	1	25	12	..	...	136
Hospital departments of institutions						
State	3	80	42	..	...	1,408
Grand total	72	11,245	9,481	602	12,392	100,085

PENNSYLVANIA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	4	1,844	1,444	2	30	14,161
State	10	1,280	1,093	102	4,205	31,852
City	2	3,985	2,885	60	1,474	27,694
Church related	31	5,937	3,909	906	17,039	107,902
Nonprofit associations	150	21,233	15,216	3,411	72,183	474,901
Individual and partnership	15	288	168	91	833	5,610
Corporations (profit unrestricted)	6	410	249	64	1,085	7,529
Total	227	35,086	25,054	4,636	96,965	669,031

PENNSYLVANIA—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Nervous and mental						
Federal	1	1,517	1,514	..	...	290
State	13	28,797	27,826	1	7	4,856
County	11	8,998	8,466	3	3	2,251
City	1	3,240	3,171	..	...	680
Church related	1	139	134	..	...	28
Nonprofit associations	8	2,823	2,815	..	...	1,091
Individual and partnership	10	496	376	..	...	809
Corporations (profit unrestricted)	2	54	36	..	...	152
Total	47	45,984	44,808	4	10	10,787
Tuberculosis						
State	3	2,431	2,299	..	...	1,927
County	4	415	405	..	...	425
City	1	300	216	..	...	256
City-county	1	55	51	..	...	86
Church related	1	104	93	..	...	118
Nonprofit associations	6	804	744	..	...	1,290
Total	16	4,199	3,808	..	...	4,102
Maternity						
Church related	3	205	163	44	227	374
Nonprofit associations	4	240	174	97	1,681	2,612
Individual and partnership	2	36	16	26	250	423
Corporations (profit unrestricted)	1	18	10	18	349	610
Total	10	491	363	187	2,657	4,019
Eye, ear, nose and throat						
Nonprofit associations	2	311	174	..	...	7,734
Individual and partnership	1	15	5	..	...	530
Total	3	326	179	..	...	8,264
Children's						
Church related	1	50	22	..	...	937
Nonprofit associations	4	424	299	..	...	8,045
Total	5	474	321	..	...	8,982
Orthopedic						
State	1	150	149	..	...	163
Nonprofit associations	5	412	376	..	...	688
Individual and partnership	1	23	18	..	...	18
Total	7	585	543	..	...	869
Isolation						
City	5	1,337	337	5	1	4,638
Convalescent and rest						
Church related	4	145	107	4	...	1,026
Nonprofit associations	4	399	366	30	...	1,752
Individual and partnership	2	39	32	..	...	78
Corporations (profit unrestricted)	2	94	77	..	...	108
Total	12	677	582	34	...	2,964
Hospital departments of institutions						
Federal	1	84	49	..	...	1,328
State	6	221	91	..	...	4,305
County	5	823	558	..	...	1,321
Nonprofit associations	5	281	221	12	14	990
Total	17	1,409	919	12	14	7,944
All other hospitals						
Nonprofit associations	4	200	153	..	...	1,401
Individual and partnership	1	15	5	..	...	308
Total	5	224	158	..	...	1,709
Grand total	354	90,792	76,632	4,938	99,647	723,360

RHODE ISLAND

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	2	377	217	..	...	2,982
State	1	262	243	39	69	1,766
Church related	1	397	230	43	926	5,634
Nonprofit associations	9	1,939	956	201	3,755	27,312
Total	13	2,980	2,248	264	4,750	36,760
Nervous and mental						
State	2	3,804	3,483	..	...	684
Nonprofit associations	2	224	205	..	...	248
Total	4	4,118	3,688	..	...	932
Tuberculosis						
State	1	618	556	..	...	368
Church related	1	75	37	..	...	21
Total	2	693	593	..	...	389
Maternity						
Nonprofit associations	1	155	117	155	3,340	3,685
Isolation						
City	1	205	184	..	1	2,053
Convalescent and rest						
Church related	1	69	66	..	...	16
Nonprofit associations	1	45	44	..	...	134
Individual and partnership	2	34	22	..	...	27
Total	4	148	132	..	...	177

RHODE ISLAND—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Hospital departments of institutions						
City	1	24	4	..	...	406
Grand total	26	8,380	6,866	419	8,091	44,402

SOUTH CAROLINA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	4	971	718	14	100	10,021
County	8	828	637	92	1,935	19,602
City	2	366	256	35	864	10,619
Church related	5	391	312	56	1,242	11,419
Nonprofit associations	25	1,675	1,067	210	3,897	42,651
Individual and partnership	5	132	66	18	223	3,843
Total	49	4,363	3,056	427	8,271	97,615
Nervous and mental						
State	2	5,344	5,295	1	12	1,457
Corporations (profit unrestricted)	1	25	16	..	...	304
Total	3	5,369	5,311	1	12	1,761
Tuberculosis						
State	1	440	418	..	...	618
County	3	245	224	..	...	329
City-county	1	26	19	..	...	41
Nonprofit associations	1	70	33	..	...	47
Total	6	781	694	..	...	1,035
Eye, ear, nose and throat						
Individual and partnership	1	15	3	..	...	300
Orthopedic						
Nonprofit associations	1	65	60	..	...	291
Individual and partnership	1	16	10	..	...	55
Total	2	81	70	..	...	346
Convalescent and rest						
Individual and partnership	1	14	6	..	...	130
Grand total	62	10,625	9,140	428	8,283	101,397

SOUTH DAKOTA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	10	686	386	45	515	7,858
County	1	20	10	5	68	370
City	2	51	27	17	226	1,422
City-county	1	15	10	5	62	329
Church related	14	1,100	668	181	2,880	24,779
Nonprofit associations	12	453	273	90	1,374	10,737
Individual and partnership	10	185	80	51	527	5,666
Total	50	2,515	1,463	396	5,652	49,081
Nervous and mental						
State	2	2,642	2,365	..	...	447
Tuberculosis						
Federal	1	134	119	..	...	299
State	1	192	123	..	...	102
Total	2	326	235	..	...	401
Industrial						
Nonprofit associations	1	25	15	..	...	631
Convalescent and rest						
Church related	1	75	...	..	...	...
Hospital departments of institutions						
State	1	40	19	..	...	197
Grand total	57	5,623	3,997	396	5,652	50,757

TENNESSEE

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	3	1,136	969	..	1	9,571
County	3	106	41	10	98	1,510
City	3	1,043	887	137	2,937	31,128
City-county	1	450	278	60	1,751	9,240
Church related	7	1,288	912	163	3,980	37,012
Nonprofit associations	20	1,479	980	242	3,686	31,008
Individual and partnership	25	529	237	95	1,171	11,673
Corporations (profit unrestricted)	7	247	112	46	515	5,586
Total	69	6,278	4,336	753	15,652	136,826

TENNESSEE—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Nervous and mental						
Federal	1	785	291	..	...	778
State	4	6,019	6,149	..	...	1,742
County	2	1,085	1,041	4	14	705
Individual and partnership	3	143	46	..	...	714
Total	10	8,042	7,527	4	14	3,939
Tuberculosis						
County	1	300	245	1	...	394
City-county	2	500	459	..	...	410
Nonprofit associations	2	299	295	..	...	305
Corporations (profit unrestricted)	1	40	14	..	...	40
Total	6	1,139	994	1	...	1,149
Industrial						
Nonprofit associations	1	10	1	..	15	40
Eye, ear, nose and throat						
Nonprofit associations	1	65	21	..	...	1,200
Individual and partnership	5	67	25	..	...	3,380
Total	6	132	46	..	...	5,080
Children's						
City-county	1	84	50	11	15	1,450
Orthopedic						
Nonprofit associations	4	173	146	..	...	776
Individual and partnership	2	70	52	..	...	1,300
Total	6	243	198	..	...	2,076
Hospital departments of institutions						
State	3	105	57	..	...	1,576
County	1	707	583	..	...	461
Total	4	812	640	..	...	2,037
Grand total	103	16,731	13,794	769	15,006	152,606

TEXAS

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	13	2,994	1,710	58	500	26,702
State	1	52	21	4	14	704
County	17	796	438	128	2,992	18,915
City	9	600	617	90	2,756	20,982
City-county	8	1,407	900	176	5,811	36,558
Church related	43	3,832	2,384	612	17,221	108,161
Nonprofit associations	38	1,859	1,120	278	5,785	51,736
Individual and partnership	122	2,284	1,032	515	9,273	59,234
Corporations (profit unrestricted)	36	1,502	858	228	4,412	45,446
Total	287	15,445	9,179	2,098	48,964	371,610
Nervous and mental						
Federal	2	2,127	1,610	..	...	1,718
State	9	16,706	16,561	3	19	3,677
Individual and partnership	3	77	36	..	...	203
Corporations (profit unrestricted)	4	170	109	..	...	757
Total	18	19,080	18,256	3	19	6,515
Tuberculosis						
Federal	1	420	451	..	...	2,155
State	2	1,172	991	..	...	2,504
County	3	195	189	..	...	383
City-county	4	402	351	..	...	791
Church related	2	111	59	..	...	300
Nonprofit associations	1	150	92	..	...	161
Individual and partnership	3	90	50	..	...	162
Corporations (profit unrestricted)	1	25	16	..	...	85
Total	17	2,565	2,199	..	...	6,552
Maternity						
Church related	2	31	11	32	441	445
Industrial						
Nonprofit associations	5	443	222	..	...	6,867
Eye, ear, nose and throat						
Nonprofit associations	1	12	2	..	...	790
Corporations (profit unrestricted)	1	23	9	..	...	1,144
Total	2	35	11	..	...	1,934
Children's						
Nonprofit associations	3	152	63	..	...	1,413
Orthopedic						
Nonprofit associations	2	90	78	..	...	1,133
Individual and partnership	1	23	8	..	...	280
Total	3	113	86	..	...	1,413
Convalescent and rest						
City-county	1	250	200	..	...	95
Hospital departments of institutions						
Federal	2	61	29	..	...	661
State	3	386	160	..	...	6,747
Church related	1	6	2	..	...	48
Nonprofit associations	1	25	16	..	...	162
Total	7	478	207	..	...	7,618

TEXAS—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
All other hospitals						
Individual and partnership	1	16	9	..	...	370
Grand total	346	38,098	30,445	2,133	49,124	404,660

UTAH

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	3	203	173	7	49	2,216
County	3	293	179	60	826	5,470
City	3	85	55	30	515	1,826
Church related	4	918	699	164	4,580	23,152
Nonprofit associations	8	290	161	88	1,591	8,842
Individual and partnership	6	115	49	33	434	1,817
Total	27	1,913	1,266	382	8,025	43,323
Nervous and mental						
State	2	1,088	1,014	..	1	624
Tuberculosis						
State	1	96	42	..	...	89
Maternity						
Church related	1	26	20	26	699	733
Children's						
Church related	1	25	20	..	...	91
Orthopedic						
Nonprofit associations	1	20	20	..	...	49
Grand total	33	3,768	3,004	388	8,725	44,927

VERMONT

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	2	319	260	2	10	2,250
Church related	3	225	177	34	406	5,129
Nonprofit associations	17	955	640	176	2,974	23,402
Individual and partnership	1	14	5	..	...	112
Total	23	1,513	1,081	212	3,480	30,993
Nervous and mental						
State	2	1,480	1,286	..	...	381
Nonprofit associations	1	900	780	..	...	386
Corporations (profit unrestricted)	1	25	8	..	...	41
Total	4	2,405	2,184	..	...	808
Tuberculosis						
State	2	132	122	..	...	174
Nonprofit associations	1	77	69	..	...	149
Total	3	209	191	..	...	323
Hospital departments of institutions						
State	1	11	6	..	...	101
Grand total	31	4,138	3,412	212	3,480	32,225

VIRGINIA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	7	2,413	1,574	20	508	23,548
State	1	367	279	44	900	8,818
County	2	83	48	14	145	1,884
City	2	574	541	53	443	3,471
Church related	2	328	180	38	756	6,781
Nonprofit associations	36	3,065	2,134	380	8,242	78,439
Individual and partnership	16	522	287	72	979	12,646
Corporations (profit unrestricted)	15	911	632	132	2,656	28,903
Total	81	8,263	5,674	772	14,598	164,490
Nervous and mental						
Federal	1	1,060	1,026	..	...	784
State	6	10,878	10,708	..	9	3,214
Individual and partnership	2	126	118	..	...	542
Corporations (profit unrestricted)	2	185	118	..	...	757
Total	11	12,279	11,970	..	9	5,097

VIRGINIA—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Tuberculosis						
State	3	1,039	809	..	...	1,310
City	3	470	322	..	...	367
Nonprofit associations	2	110	98	..	...	195
Total	8	1,619	1,229	..	...	1,872
Industrial						
Nonprofit associations	1	16	4	..	...	152
Eye, ear, nose and throat						
Nonprofit associations	1	25	4	..	...	722
Individual and partnership	1	11	3	..	...	334
Total	2	36	7	..	...	1,056
Orthopedic						
Nonprofit associations	1	120	97	..	...	220
Isolation						
City	1	24	3	..	...	110
Hospital departments of institutions						
State	3	121	68	..	...	1,009
Church related	1	18	1	1	4	169
Nonprofit associations	1	20	2	..	...	192
Total	5	159	71	1	4	2,021
Grand total	110	22,516	19,055	773	14,611	175,018

WASHINGTON

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	10	1,803	1,178	30	424	14,902
State	1	22	14	..	...	101
County	6	952	776	160	1,851	21,216
Church related	20	2,411	1,553	441	9,067	58,613
Nonprofit associations	19	1,567	1,102	325	6,563	43,332
Individual and partnership	22	483	218	112	1,707	12,332
Corporations (profit unrestricted)	5	190	103	49	834	5,366
Total	83	7,488	4,944	1,006	20,426	155,952
Nervous and mental						
Federal	1	710	684	..	...	304
State	4	8,320	7,979	..	12	1,736
Individual and partnership	1	36	11	..	...	103
Corporations (profit unrestricted)	3	76	47	..	...	597
Total	9	9,132	8,721	..	12	2,710
Tuberculosis						
Federal	2	305	208	..	...	1,087
County	6	695	546	..	...	569
City	1	230	235	..	1	271
Nonprofit associations	1	88	79	..	...	121
Individual and partnership	2	117	114	..	...	238
Total	12	1,345	1,242	..	1	2,286
Maternity						
Church related	1	42	25	25	105	111
Nonprofit associations	3	64	43	40	137	184
Total	4	106	68	65	242	295
Orthopedic						
Nonprofit associations	2	144	134	..	...	1,579
Isolation						
City	1	100	7	..	...	135
Convalescent and rest						
County	1	307	247	..	...	806
Nonprofit associations	1	20	16	..	...	68
Individual and partnership	1	11	5	..	...	90
Total	3	338	267	..	...	1,024
Hospital departments of institutions						
Federal	1	85	69	..	...	714
State	3	184	78	..	...	2,583
Total	4	269	147	..	...	3,297
Grand total	118	18,882	15,531	1,131	20,681	167,278

WEST VIRGINIA

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	1	317	220	..	...	2,257
State	3	214	137	14	133	5,964
County	2	135	66	19	232	2,081
City	1	165	70	18	206	2,886
Church related	9	972	547	127	2,081	19,986
Nonprofit associations	12	1,213	906	162	2,682	32,681
Individual and partnership	13	605	356	68	676	14,514
Corporations (profit unrestricted)	23	1,671	1,023	148	2,030	45,681
Total	64	5,292	3,364	556	8,764	126,552

WEST VIRGINIA—Continued

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
Nervous and mental						
State	5	4,101	4,043	4	9	1,301
Tuberculosis						
State	3	1,055	986	..	...	1,157
County	2	64	62	..	...	34
Nonprofit associations	1	52	23	..	...	33
Total	6	1,171	1,092	..	...	1,224
Maternity						
Nonprofit associations	1	22	15	10	26	54
Eye, ear, nose and throat						
Individual and partnership	1	5	2	..	...	423
Orthopedic						
Nonprofit associations	2	90	41	..	2	433
Convalescent and rest						
Nonprofit associations	1	75	50	..	...	149
Hospital departments of institutions						
State	1	72	50	..	...	490
Grand total	81	10,828	8,661	578	8,901	130,711

WISCONSIN

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	3	1,280	1,008	16	175	6,583
State	1	650	602	22	300	14,696
County	4	1,304	708	99	1,667	19,314
City	9	340	271	65	1,083	13,558
City-county	1	55	34	16	227	1,434
Church related	56	5,903	3,904	1,121	21,853	138,647
Nonprofit associations	28	1,764	1,071	347	6,268	44,281
Individual and partnership	33	532	255	139	1,752	10,519
Corporations (profit unrestricted)	7	212	131	33	372	3,371
Total	142	12,000	8,086	1,879	34,197	254,243
Nervous and mental						
Federal	1	295	295	..	...	68
State	5	4,481	4,154	..	15	2,481
County	37	11,143	10,581	1	...	2,075
Church related	3	562	517	..	...	543
Nonprofit associations	1	54	40	..	...	102
Corporations (profit unrestricted)	4	281	227	..	...	840
Total	51	16,818	15,764	6	15	6,085
Tuberculosis						
State	2	284	243	..	...	194
County	17	1,806	1,740	..	...	1,917
Church related	1	62	62	..	...	150
Nonprofit associations	1	55	40	..	...	36
Total	21	2,207	2,093	..	...	2,297
Maternity						
Church related	2	166	61	44	828	870
Children's						
Nonprofit associations	1	205	105	..	...	3,814
Isolation						
City	3	355	73	..	...	1,045
Convalescent and rest						
Church related	2	100	95	..	...	193
Hospital departments of institutions						
State	2	31	21	..	...	524
County	2	130	88	..	...	1,564
Total	4	161	109	..	...	2,088
Grand total	226	32,052	26,422	1,929	35,040	270,651

WYOMING

	Hospitals	Beds	Average Census	Bassinets	Births	Patients Admitted
General						
Federal	3	440	231	12	130	3,955
State	1	100	60	12	328	2,317
County	4	412	262	69	1,400	9,023
Church related	2	45	21	11	124	954
Nonprofit associations	4	105	49	21	344	1,832
Individual and partnership	9	146	59	30	494	2,177
Corporations (profit unrestricted)	2	49	15	13	180	934
Total	25	1,297	698	177	2,900	21,171
Nervous and mental						
Federal	1	596	540	..	...	276
State	2	1,045	982	..	2	176
Total	3	1,641	1,522	..	2	452
Tuberculosis						
State	1	33	27	..	...	52
Grand total	29	2,971	2,187	177	2,902	21,675

HOSPITALS REGISTERED BY THE AMERICAN MEDICAL ASSOCIATION

The following list contains the names of 6,291 hospitals, sanatoriums and related institutions that are located in the United States and 277 in Alaska, Canal Zone, Guam, Hawaii, Philippines, Puerto Rico and Virgin Islands. The list for each state is presented in two groups: (1) hospitals and sanatoriums, and (2) related institutions. The related institutions include school and prison infirmaries, nursing homes and other institutions designed to give certain medical and nursing care in an ethical and acceptable manner, without giving a full hospital service.

Registration of hospitals is governed by the Essentials of a Registered Hospital, adopted by the House of Delegates in 1928 and revised in 1939.

Registration is a basic recognition, extended to all the hospitals and related institutions in the following list, concerning which we have no evidence of irregular or unsafe practices. *Approval* is designation of certain registered institutions by the Council on Medical Education and Hospitals for internships, residencies and fellowships; or by the American College of Surgeons as unconditionally meeting its minimum standards.

KEY TO SYMBOLS AND ABBREVIATIONS

* Approved for training interns by the Council on Medical Education and Hospitals. List with detailed information is sent on request.

◆ Approved for residencies or fellowships. List with detailed information is sent on request.

▲ Approved by American College of Surgeons as meeting unconditionally its minimum standards.

◇ School of nursing accredited by state board of nurse examiners.

⊙ Affiliated for nurse training on state accredited basis.

† Figures for "average census" and "admissions" are exclusive of newborn infants.

The column headed "Type of Service" tells what diseases are treated in each institution:

Card	Cardiac	ENT	Eye, ear, nose and throat	Inst	Institutional	N&M	Nervous and mental
Chil	Children	Gen	General	Mat	Maternity	Orth	Orthopedic
Chr	Chronic	Incur	Incurable	MatCh	Maternity and children	SkCa	Skin and cancer
Conv	Convalescent and rest	Indus	Industrial	MeDe	Mentally deficient	TB	Tuberculosis
Drug	Drug and alcoholic	Iso	Isolation	Ment	Mental	Ven	Venereal
Epil	Epileptic						

The column headed "Control" indicates control, or auspices under which the institution is conducted:

GOVERNMENTAL				NONPROFIT ORGANIZATIONS		PROPRIETARY	
Fed	Federal	State		Church		Indiv	Individual
IA	Indian Affairs	City		NPAssn	Nonprofit Association	Part	Partnership
Army	United States Army	County				Corp	Corporation (unrestricted as to profit)
Navy	United States Navy	City-County					
USPHS	United States Public Health Service	CyCo					
Vet	Veterans Administration Facility						

The accompanying list was corrected by additions and removals of hospitals up to the time of going to press; totals of the list, therefore, may vary from tables 1 and 2, which were necessarily compiled earlier.

ALABAMA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Albertville, 3,651—Marshall							
Sand Mountain Infirmary	Gen	Indiv	24	6	2	52	201
Alexander City, 6,640—Tallapoosa							
Russell Hospital	Gen	Corp	54	12	4	104	405
Anniston, 25,523—Calhoun							
Garner Hospital*◇	Gen	City	64	34	5	139	1,760
Station Hospital	Gen	Army	200	165	2	22	5,449
Susie Parker Stringfellow Memorial Hospital	TB	NPAssn	15	15	..	...	42
Atmore, 3,300—Escambia							
Atmore General Hospital	Gen	NPAssn	26	6	2	27	562
Bellamy, 317—Sumter							
Bellamy Hospital	Gen	Indiv	16	4	2	18	208
Bessemer, 22,826—Jefferson							
Bessemer General Hospital*	Gen	Corp	72	24	4	56	971
Birmingham, 267,583—Jefferson							
Baptist Hospital*◆◇	Gen	Church	179	131	22	571	6,357
Children's Hospital*◆	Chil	NPAssn	50	33	..	...	1,256
Hill Crest Sanitarium	N&M	Indiv	50	26	..	...	433
Hillman Hospital*◆◇	Gen	County	438	356	40	2,168	11,261
Jefferson Hospital	Gen	County	630	..	..	Estab. 1941	
Jefferson Sanatorium	TB	County	150	104	..	...	315
Norwood Hospital*◆◇	Gen	Church	210	103	16	511	5,007
St. Vincent's Hospital*◆◇	Gen	Church	125	117	6	394	4,011
South Highlands Infirmary*◇	Gen	Corp	140	122	27	671	4,649
305 Crippled Children's Clinic	Orth	NPAssn	50	37	..	...	239
Brewton, 3,325—Escambia							
Brewton Memorial Hospital	Gen	Indiv	20	...No data supplied			
Clanton, 3,262—Chilton							
Central Alabama Hospital	Gen	NPAssn	28	14	3	71	694
Cullman, 5,074—Cullman							
Cullman Hospital	Gen	CyCo	40	21	10	92	847
Decatur, 16,664—Morgan							
Benevolent Society Hospital*	Gen	NPAssn	45	22	4	90	775
Dothan, 17,194—Houston							
Frasier-Ellis Hospital*◇	Gen	Indiv	60	51	6	80	1,680
Moody Hospital*◇	Gen	Indiv	59	35	9	76	906
Enterprise, 4,358—Coffee							
Gibson Hospital	Gen	Indiv	25	9	3	53	660
Eufaula, 6,260—Barbour							
Britt Infirmary◇	Gen	Indiv	50	22	6	30	531
Salter Hospital◇	Gen	Indiv	50	22	6	50	1,016

ALABAMA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Fairfield, 11,703—Jefferson							
Employees' Hospital of the Tennessee Coal, Iron and Railroad Company*◆▲	Gen	NPAssn	271	180	35	980	7,327
Fayette, 2,608—Fayette							
McNease and Robertson Hospital	Gen	Part	20	8	4	39	408
Flint (Decatur P.O.), 134—Morgan							
Morgan County Tuberculosis Sanatorium	TB	County	50	38	..	...	148
Florala, 2,969—Covington							
Lakview Hospital	Gen	Indiv	40	12	3	35	460
Florence, 15,043—Lauderdale							
Eliza Coffee Memorial Hospital	Gen	City	40	22	6	135	1,225
Gadsden, 36,975—Etowah							
Forrest General Hospital*◇	Gen	Indiv	85	20	10	62	1,216
Holy Name of Jesus Hospital◇	Gen	Church	90	63	18	309	4,037
Greenville, 5,075—Butler							
Speir Hospital	Gen	Indiv	46	7	6	40	472
Stabler Infirmary	Gen	Part	42	17	6	64	706
Huntsville, 13,050—Madison							
Huntsville Hospital	Gen	NPAssn	70	29	6	120	1,486
Jackson, 2,039—Clarke							
South Alabama Infirmary	Gen	Corp	16	6	2	15	220
Jasper, 6,847—Walker							
Peoples Hospital◇	Gen	County	80	30	8	109	1,341
Walker County Hospital*◇	Gen	Corp	55	24	3	55	908
Lafayette, 2,138—Chambers							
Batson Memorial Sanatorium	TB	County	50	42	..	...	143
Mobile, 78,720—Mobile							
City Hospital*◆◇	Gen	CyCo	127	105	18	512	3,747
Mobile County Tuberculosis Sanitarium	TB	NPAssn	64	45	..	...	69
Mobile Infirmary*◆	Gen	NPAssn	110	84	10	199	2,915
Providence Hospital*◇	Gen	Church	88	61	12	249	2,471
U. S. Marine Hospital◆	Gen	USPHS	191	148	..	...	2,103
Montgomery, 78,084—Montgomery							
Fitts Hill Hospital	Gen	Indiv	30	28	7	104	1,010
Hubbard Hospital◇	Gen	Indiv	55	36	12	302	2,199

Key to symbols and abbreviations is on page 1083

ALABAMA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Montgomery Tuberculosis Sanatorium◇	TB	NPAssn	110	91	..	....	271
St. Margaret's Hospital◇▲◇	Gen	Church	125	96	12	693	4,776
Station Hospital	Gen	Army	50	50	4	28	1,911
Veterans Admin. Facility	Gen	Vet	200	....	..	Estab.	1940
Mt. Vernon, 810—Mobile							
Searcy Hospital	Ment	State	1,650	1,635	..	....	521
Opelika, 8,497—Lee							
Opelika Infirmary	Gen	Indiv	25	11	8	125	672
Prattville, 2,694—Autauga							
Prattville General Hospital	Gen	Indiv	20	10	6	72	636
Repton, 365—Conecuh							
Carter Hospital	Gen	Indiv	16	6	3	21	336
Roanoke, 4,168—Randolph							
Knight Sanatorium	Gen	Indiv	25	14	7	56	432
Russellville, 5,510—Franklin							
Russellville Hospital	Gen	Indiv	30	14	3	42	804
Scottsboro, 2,854—Jackson							
Hodges Hospital	Gen	Indiv	20	5	2	22	317
Tri-Counties Tuberculosis Sanatorium	TB	Counties	19	15	..	....	59
Selma, 19,834—Dallas							
Burwell Infirmary	Gen	Part	25	8	2	6	302
Goldsby King Memorial Hospital▲	Gen	NPAssn	72	44	10	47	1,657
Good Samaritan Hospital	Unit of Selma Baptist Hospital						
Selma Baptist Hospital	Gen	NPAssn	50	36	6	129	1,575
Vaughan Memorial Hospital▲	Gen	Corp	35	24	6	71	1,380
Sheffield, 7,835—Colbert							
Colbert County Hospital	Gen	CyCo	61	17	12	153	1,224
Sylacauga, 6,389—Talladega							
Drummond Fraser Hospital▲◇	Gen	NPAssn	38	17	12	142	676
Sylacauga Infirmary▲◇	Gen	Corp	28	14	6	62	721
Talladega, 9,288—Talladega							
Citizens' Hospital◇	Gen	NPAssn	60	28	10	190	2,208
Troy, 7,053—Pike							
Beard Memorial Hospital	Gen	Indiv	50	14	6	40	780
Edge Hospital◇	Gen	Indiv	35	17	2	35	879
Tuscaloosa, 27,493—Tuscaloosa							
Bryce Hospital◇	Ment	State	4,154	4,027	..	....	1,092
Druid City Hospital◇	Gen	NPAssn	75	56	10	551	3,488
Stillman Hospital	Gen	Church	40	20	5	37	755
Veterans Admin. Facility▲	Gen	Vet	535	419	..	....	2,324
Tuskegee, 3,507—Macon							
Veterans Admin. Facility▲	Gen	Vet	1,498	1,450	..	....	2,287
Tuskegee Institute, 375—Macon							
John Albion Andrew Memorial Hospital◇	GenOr	NPAssn	125	39	12	93	1,041
Wetumpka, 3,080—Elmore							
Wetumpka General Hospital	Gen	Part	37	12	4	80	608
York, 1,785—Sumter							
Hill Hospital	Gen	Indiv	20	5	2	17	264
Related Institutions							
Alabama City, 8,544—Etowah							
Etowah County Tuberculosis Sanatorium	TB	County	22	19	..	....	41
Altoona, 365—Etowah							
Klein Hospital	Gen	Indiv	27	11	3	36	350
Birmingham, 267,583—Jefferson							
Alabama Boys' Industrial School	Inst	State	29	4	..	....	720
Miss Quinn's Nursing Home	Conv	Part	12	8	..	....	223
Salvation Army Home and Hospital	Mat	Church	46	30	25	104	135
Dothan, 17,194—Houston							
Dr. M. S. Davis's Private Hospital	Gen	Indiv	20	19	4	20	718
East Tallassee, 2,198—Tallapoosa							
Community Hospital	Gen	NPAssn	29	12	9	101	641
Mobile, 78,720—Mobile							
Allen Memorial Home	Mat	Church	24	10	25	381	390
Montevallo, 1,498—Shelby							
Peterson Hall	Inst	State	56	5	..	....	1,695
Montgomery, 78,084—Montgomery							
Fraternal Hospital◇	Gen	Indiv	50	33	12	97	1,008
Kilby Prison Hospital	Inst	State	125	80	..	....	1,349
Pell City, 900—St. Clair							
Pell City Infirmary	Gen	Indiv	19	6	1	....	320
Talladega, 9,288—Talladega							
Goodnow Hospital	Inst	NPAssn	18	1	1	1	112
Tuscaloosa, 27,493—Tuscaloosa							
Partlow State School	MeDe	State	802	755	..	....	126

ARIZONA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Ajo, 1,106—Pima							
Phelps Dodge Hospital	Gen	Corp	33	12	5	102	422
Bisbee, 5,853—Cochise							
Copper Queen Hospital	Gen	NPAssn	42	22	8	203	1,253
Chin Lee, 65—Apache							
Chin Lee General Hospital	Gen	IA	17	18	3	33	781
Douglas, 8,033—Cochise							
Cochise County Hospital	Gen	County	100	88	6	70	1,000
Flagstaff, 5,080—Coconino							
Flagstaff Hospital	Gen	NPAssn	22	8	6	67	501

ARIZONA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Fort Defiance, 650—Apache							
Fort Defiance Sanatorium	Unit of Navajo Medical Center Hospital and Sanatorium						
Navajo Medical Center Hospital and Sanatorium	GenTb	IA	228	215	10	122	2,116
Fort Huachuca, 1,500—Cochise							
Station Hospital	Gen	Army	48	31	1	12	862
Ganado, 150—Apache							
Sage Memorial Hospital◇	Gen	Church	150	98	15	136	1,080
Globe, 6,141—Gila							
Gila County Hospital	Gen	County	50	36	6	68	630
Holbrook, 1,184—Navajo							
Park-Navajo Private Hospital	Gen	Indiv	9	4	2	28	113
Jerome, 2,295—Yavapai							
United Verde Hospital▲	Gen	NPAssn	52	26	6	83	680
Keams Canyon, 150—Navajo							
Hopi General Hospital	Gen	IA	40	32	7	54	1,031
Kingman, 2,200—Mohave							
Mohave General Hospital	Gen	County	30	25	5	127	859
Leupp, 300—Coconino							
Leupp Indian Hospital	Gen	IA	28	12	3	30	451
Mesa, 7,226—Maricopa							
South Side District Hospital	Gen	NPAssn	52	33	8	304	1,765
Miami, 4,72—Gila							
Miami-Inspiration Hospital▲	Gen	NPAssn	40	19	4	109	727
Morenci, 2,30—Greenlee							
Phelps-Dodge Hospital	Gen	NPAssn	34	12	10	171	936
Phoenix, 65,414—Maricopa							
Arizona State Hospital	Ment	State	900	867	..	....	342
Booker T. Washington Hospital	GenTb	Indiv	38	17	4	15	314
Good Samaritan Hosp.◇▲◇	Gen	Church	178	116	18	551	5,388
Phoenix Indian Hospital	Gen	IA	65	54	3	89	1,181
Phoenix Indian Sanatorium	TB	IA	150	98	..	....	236
St. Joseph's Hospital◇▲◇	Gen	Church	205	153	20	853	9,074
St. Luke's Home	TB	Church	57	36	..	....	109
Prescott, 6,018—Yavapai							
Pamselgaal Sanatorium	TB	Indiv	30	10	..	....	....
St. Luke's in the Mountains	Unit of St. Luke's Home, Phoenix						
Ray, 1,100—Pinal							
Ray Hospital	Gen	NPAssn	20	11	4	44	586
Sacaton, 315—Pinal							
Pima Indian Hospital	Gen	IA	38	25	6	84	837
Safford, 2,266—Graham							
Morris-Squibb Hospital	Gen	NPAssn	23	7	5	25	297
San Carlos, 105—Gila							
San Carlos Indian Hospital	Gen	IA	46	26	9	45	907
Sells, 250—Pima							
Indian Oasis Hospital	Gen	IA	49	29	5	41	476
Tempe, 2,906—Maricopa							
State Welfare Sanatorium	TB	State	104	91	..	....	137
Tuba City, 150—Coconino							
Western Navajo General Hospital	Gen	IA	42	26	5	22	924
Tucson, 36,818—Pima							
Anson Rest Home	TB	Part	30	23	..	....	36
Barfield Sanatorium	TB	Indiv	22	12	..	....	45
Desert Sanatorium of Southern Arizona▲	Gen	NPAssn	81	32	5	11	391
Pima County General Hospital▲	GenTb	County	140	83	10	1	1,500
St. Luke's in the Desert Sanitarium	TB	Church	35	22	..	....	40
St. Mary's Hospital and Sanatorium◇▲◇	GenTb	Church	190	115	25	503	3,852
Southern Pacific Sanatorium▲	TB	NPAssn	92	68	..	....	52
Veterans Admin. Facility▲	GenTb	Vet	358	320	..	....	906
Whipple, —Yavapai							
Veterans Admin. Facility▲	GenTb	Vet	401	186	..	....	1,188
Whiteriver, 308—Navajo							
Fort Apache Agency Hospital	Gen	IA	47	26	6	32	617
Wickenburg, 955—Maricopa							
Wickenburg Hospital	Gen	NPAssn	12	9	3	46	325
Williams, 2,272—Coconino							
Edel Hospital	Gen	Indiv	8	4	3	26	225
Winslow, 4,577—Navajo							
Winslow Indian Sanatorium	TB	IA	54	48	..	....	48
Yuma, 5,325—Yuma							
Fort Yuma Indian Hospital	Gen	IA	20	12	8	21	320
Yuma County General Hospital	Gen	County	72	51	12	307	1,738
Related Institutions							
Kayenta, 40—Navajo							
Kayenta Sanatorium	TB	IA	54	35	..	....	130
McNary, 55—Apache							
McNary Hospital	Gen	NPAssn	12	2	1	19	111
Nogales, 5,135—Santa Cruz							
St. Joseph's Hospital	Gen	Church	30	10	7	29	300
Oracle, 200—Pinal							
La Casa del Encanto	Conv	Indiv	8	5	..	....	14
Parker, 300—Yuma							
Colorado River Indian Agency Hospital	Gen	IA	41	15	4	22	521
Prescott, 6,018—Yavapai							
Yavapai County Hospital	InstGen	County	65	45	5	92	701
Tucson, 36,818—Pima							
Arizona State Elks Association Hospital	TB	NPAssn	25	13	..	....	24
Comstock Children's Hospital	TB	NPAssn	35	29	..	....	70

Key to symbols and abbreviations is on page 1083

V 1 194

ARIZONA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Pima County Preventorium	Chil	NPAssn	130	125	..	...	200
Reardon Sanatorium	TB	Indiv	12	7	..	...	23
San Xavier Indian Sanatorium	TB	IA	46	32	..	...	30
Valentine, 110—Mohave							
Truxton Canyon Hospital	Gen	IA	15	10	5	21	200

ARKANSAS

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Alexander, 134—Pulaski							
McRae Memorial Sanatorium	TB	State	200	102	..	...	138
Arkadelphia, 5,078—Clark							
Townsend Hospital	Gen	Indiv	16	4	4	23	183
Batesville, 5,247—Independence							
Dr. Gray's Hospital	Gen	Indiv	45	16	6	12	300
Johnston and Craig Hospital	Gen	Indiv	11	8	2	21	354
Benton, 3,502—Saline							
Blakely Hospital	Gen	Indiv	15	5	2	21	212
Blytheville, 10,638—Mississippi							
Blytheville City Hospital	Gen	Indiv	35	...	6	...	...
Walls Hospital	Gen	Indiv	34	17	6	105	1,005
Camden, 8,975—Ouachita							
Camden Hospital	Gen	NPAssn	30	18	9	229	1,179
Charleston, 958—Franklin							
Bollinger Hospital	Gen	Indiv	15	3	..	49	79
Clarksville, 3,118—Johnson							
St. Hildegard's Municipal Hospital	Gen	Church	26	8	5	37	805
Conway, 5,792—Faulkner							
Conway Memorial Hospital	Gen	City	30	9	4	30	519
Crossett, 4,891—Ashley							
Crossett Hospital	Gen	NPAssn	50	16	10	114	835
De Queen, 3,955—Sevier							
Archer Hospital	Gen	Indiv	25	7	1	25	364
Dermott, 3,983—Chicot							
Dermott Municipal Hospital	Gen	Church	30	...	3	Estab.	1940
Dumas, 2,323—Desha							
Dumas Hospital	Gen	Corp	23	8	4	78	290
Dyess, 1,629—Mississippi							
Dyess Hospital	Gen	NPAssn	20	3	4	48	236
El Dorado, 15,858—Union							
Henry C. Rosamond Memorial Hospital	Gen	Corp	26	3	8	39	974
Warner Brown Hospital‡	Gen	Church	60	55	8	279	1,760
Fayetteville, 8,212—Washington							
Fayetteville City Hospital‡	Gen	City	58	31	8	265	1,658
Veterans Admin. Facility‡	Gen	Vet	256	234	..	...	2,716
Fort Smith, 36,534—Sebastian							
Arkansas Tuberculosis Sanatorium	Unit of Arkansas Tuberculosis Sanatorium, State Sanatorium						
St. Edward's Mercy Hospital‡◇	Gen	Church	100	79	15	393	2,517
Sparks' Memorial Hospital‡◇	Gen	NPAssn	100	43	12	232	2,804
Hasbeck, 171—Saline							
State Hospital, Benton Division	Unit of State Hospital, Little Rock						
Heber Springs, 1,526—Cleburne							
Estelle Hospital	Gen	Part	22	11	3	129	604
Helena, 8,546—Phillips							
New Helena Hospital	Gen	NPAssn	77	...	New building		
Hope, 7,475—Hempstead							
Josephine Hospital‡	Gen	Indiv	22	5	4	26	283
Julia Chester Hospital	Gen	NPAssn	25	13	4	75	490
Hot Springs National Park, 21,376—Garland							
Army and Navy General Hospital‡	Gen	Fed	412	360	3	10	3,608
Leo N. Levi Memorial Hospital‡◇	Gen	NPAssn	75	50	5	45	1,332
Ozark Sanatorium	Gen	Corp	60	9	4	34	310
St. Joseph's Hospital‡◇	Gen	Church	144	80	6	82	2,275
Jonesboro, 11,226—Craighead							
St. Bernard's Hospital‡◇	Gen	Church	100	64	10	203	2,250
Lake Village, 2,045—Chicot							
Lake Village Infirmary	Gen	Part	38	14	4	68	969
Little Rock, 88,039—Pulaski							
Arkansas Children's Home and Hospital‡	Chil	NPAssn	75	54	8	...	1,161
Baptist State Hospital‡◇	Gen	Church	300	141	15	414	5,717
Granite Mountain Hospital	Gen	Indiv	25	4	2	21	130
Missouri Pacific Hospital‡	Indus	NPAssn	100	44	..	...	1,581
St. Vincent's Infirmary‡◇	Gen	Church	183	137	50	694	4,710
State Hospital	Ment	State	4,300	4,305	..	...	1,699
United Friends Hospital	Gen	NPAssn	25	15	1	3	250
University Hospital‡◇	Gen	State	295	156	19	539	3,976
Magnolia, 4,336—Columbia							
City Hospital	Gen	City	21	7	4	69	367
Monticello, 3,650—Drew							
Mack Wilson Hospital	Gen	Indiv	30	11	2	38	520
Morrilton, 4,688—Conway							
St. Anthony's Hospital	Gen	Church	50	16	4	68	641
North Little Rock, 21,377—Pulaski							
Veterans Admin. Facility‡	Ment	Vet	1,500	1,207	..	...	686
Paragould, 7,079—Greene							
Dickson Memorial Sanitarium	Gen	Corp	25	10	4	50	410
Pine Bluff, 21,266—Jefferson							
Davis Hospital‡	Gen	Church	57	30	8	290	1,366

ARKANSAS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Prescott, 3,177—Nevada							
Cora Donnell Hospital	Gen	Indiv	30	12	4	25	620
Russellville, 5,977—Pope							
St. Mary's Hospital‡◇	Gen	Indiv	60	24	12	95	1,551
Searcy, 3,670—White							
Hawkins Clinic Hospital	Gen	Indiv	26	...	3	Estab.	1940
Wheelright Hospital	Gen	Indiv	35	24	4	39	1,296
Siloam Springs, 2,764—Benton							
John Brown University Hospital	Gen	NPAssn	25	8	4	22	494
State Sanatorium, —Logan							
Arkansas Tuberculosis Sanatorium‡	TB	State	1,154	826	..	...	1,285
Texarkana, 11,821—Miller							
Michael Meagher Memorial Hospital‡	Gen	Church	50	41	10	181	2,292
St. Louis Southwestern Hospital‡	Indus	NPAssn	150	75	..	2	3,223
Warren, 2,516—Bradley							
Hunt Hospital	Gen	Indiv	17	4	4	16	220
Related Institutions							
De Queen, 3,955—Sevier							
De Queen General Hospital	Gen	Part	18	5	2	9	317
Gould, 986—Lincoln							
Arkansas State Penitentiary Hospital	Inst	State	36	20	..	...	413
Hot Springs National Park, 21,376—Garland							
Public Health Service Medical Center Infirmary	Ven	USPHS	90	52	4	18	908
Little Rock, 88,039—Pulaski							
Arkansas School for the Blind	Inst	State	22	2	..	...	133
Florence Crittenton Home	Mat	NPAssn	24	2	13	32	56
Pulaski County Hospital	Gen	County	200	184	8	146	1,384
Marshall, 922—Searcy							
Marshall Hospital	Gen	Indiv	10	2	4	13	117
Newport, 4,521—Jackson							
Dr. Gray's Hospital	Gen	Indiv	15	5	1	11	193
Russellville, 5,977—Pope							
Haney Eye, Ear, Nose and Throat Hospital	ENT	Indiv	6	2	..	...	740

CALIFORNIA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Agnew, 300—Santa Clara							
Agnews State Hospital	Ment	State	3,581	3,515	..	...	948
Ahwahnee, 50—Madera							
Ahwahnee Sanatorium	TB	Counties	128	123	..	...	132
Alameda, 36,256—Alameda							
Alameda Hospital‡	Gen	NPAssn	75	44	21	365	2,002
Albany, 11,403—Alameda							
Albany Hospital	Gen	Indiv	30	15	16	370	1,041
Alhambra, 36,955—Los Angeles							
Alhambra Hospital‡	Gen	Corp	40	22	12	280	1,414
Angel Island, 478—Marin							
Station Hospital	Gen	Army	70	41	..	...	1,564
Antioch, 5,106—Contra Costa							
Antioch Hospital	Gen	Indiv	20	7	8	223	709
Arcata, 1,855—Humboldt							
Trinity Hospital	Gen	Church	21	14	5	85	738
Arlington, 3,440—Riverside							
Riverside County Hospital‡	GenTb	County	322	272	23	566	4,394
Artesia, 2,901—Los Angeles							
Artesia Hospital	Gen	Indiv	25	12	7	112	539
Auberry, 100—Fresno							
Wish-i-ah Sanatorium	TB	County	102	102	..	...	94
Auburn, 4,013—Placer							
Highlands General Hospital and Sanitarium	Gen	Indiv	26	13	5	35	182
Bakersfield, 29,232—Kern							
Mercy Hospital‡	Gen	Church	80	65	20	422	4,085
Banning, 3,976—Riverside							
Banning Hospital and Sanatorium	GenTb	Indiv	25	...	2	...	...
Southern Sierras Sanatorium	TB	Indiv	35	16	..	...	11
Bell, 11,264—Los Angeles							
Bell Mission Hospital	Gen	Corp	30	20	13	515	1,129
Belmont, 1,229—San Mateo							
Alexander Sanitarium	N&M	Corp	75	54	..	...	211
California Sanatorium	TB	Corp	100	87	..	...	193
Twin Pines Sanitarium	N&M	Corp	45	35	..	...	84
Berkeley, 85,547—Alameda							
Alta Bates Hospital‡	Gen	Corp	100	79	36	627	3,767
Berkeley Hospital‡	Gen	NPAssn	70	40	13	220	1,708
E. V. Cowell Memorial Hospital‡	Gen	State	100	63	..	...	2,432
Brawley, 11,718—Imperial							
Brawley Community Hospital	Gen	Indiv	20	11	10	304	600
Burbank, 34,337—Los Angeles							
Burbank Hospital‡	Gen	Indiv	36	19	12	225	718
Camarillo, 300—Ventura							
Camarillo State Hospital	Ment	State	2,701	2,430	..	...	1,222
Carmel, 2,837—Monterey							
Peninsula Community Hospital	Gen	NPAssn	47	22	10	215	1,001

Key to symbols and abbreviations is on page 1083

CALIFORNIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Chico, 9,287—Butte							
Enloe Hospital	Gen	Indiv	42	25	14	273	1,203
Colfax, 794—Placer							
Bushnell Sanatorium	Unit of Colfax School for the Tuberculous						
Colfax Hospital	Unit of Colfax School for the Tuberculous						
Colfax School for the Tuberculous	TB	Indiv	54	30	..	....	59
Compton, 16,198—Los Angeles							
Compton Sanitarium◆♣	N&M	Corp	120	47	..	....	386
Las Campanas Hospital♣	Gen	Corp	30	22	12	290	906
Covina, 3,049—Los Angeles							
Covina Hospital	Gen	Part	45	25	10	172	932
Crescent City, 1,363—Del Norte							
Knapp Hospital	Gen	NPAssn	25	10	5	63	508
Culver City, 8,976—Los Angeles							
University Hospital	Gen	Corp	40	...No data supplied			
Dinuba, 3,750—Tulare							
Alta District Hospital	Gen	Part	17	5	7	121	341
Duarte, 1,500—Los Angeles							
Los Angeles Sanatorium◆	TB	NPAssn	180	173	..	....	123
Dunsmuir, 2,250—Siskiyou							
Dunsmuir Hospital and Sanitarium	Gen	Corp	17	3	6	57	358
El Centro, 10,017—Imperial							
Imperial County Charity Hospital	Gen	County	97	73	4	152	1,216
El Monte, 4,746—Los Angeles							
Ruth Home	VenMal	NPAssn	135	66	15	12	120
Eureka, 17,055—Humboldt							
General Hospital	Gen	Part	40	21	8	108	1,026
Humboldt County Hospital	Gen	County	121	116	13	161	1,597
Humboldt County School for the Tuberculous	TB	County	65	50	..	....	52
St. Joseph Hospital	Gen	Church	65	30	13	306	1,435
Fort Bragg, 3,235—Mendocino							
Redwood Coast Hospital♣	Gen	Corp	27	13	6	83	464
French Camp, 248—San Joaquin							
San Joaquin General Hospitals♣	Gen	County	575	512	25	851	10,196
Fresno, 60,685—Fresno							
Burnett Sanitarium♣	Gen	Corp	134	83	32	608	3,766
General Hospital of Fresno County◆♣♣	Gen	County	475	462	25	1,057	7,958
St. Agnes Hospital♣	Gen	Church	72	47	18	402	1,928
Fullerton, 10,442—Orange							
Fullerton Hospital	Gen	Church	27	17	10	200	873
Gilroy, 3,615—Santa Clara							
Wheeler Hospital	Gen	NPAssn	25	14	8	84	440
Glendale, 82,582—Los Angeles							
Glendale Sanitarium and Hospital◆	Gen	Church	200	136	12	583	3,925
Physicians and Surgeons Hospital♣	Gen	NPAssn	65	54	18	746	2,522
Grass Valley, 5,709—Nevada							
W. C. Jones Memorial Hospital	Gen	Indiv	30	15	4	53	587
Hamilton Field, —Marin							
Station Hospital	Gen	Army	66	25	..	....	1,005
Hanford, 8,234—Kings							
Hanford Sanitarium	Gen	Corp	25	17	8	142	881
Kings County Hospital	Gen	County	150	131	12	240	2,317
Sacred Heart Hospital	Gen	Church	20	7	5	105	623
Hawthorne, 8,263—Los Angeles							
Hawthorne Hospital	Gen	Part	25	15	10	258	584
Hayward, 6,726—Alameda							
Hayward Hospital	Gen	Indiv	16	9	5	135	425
Healdsburg, 2,507—Sonoma							
Healdsburg General Hospital	Gen	NPAssn	15	7	6	65	542
Hermosa Beach, 7,197—Los Angeles							
South Bay Community Hospital	Gen	NPAssn	20	7	7	41	341
Hollister, 3,881—San Benito							
Hazel Hawkins Memorial Hospital	Gen	NPAssn	18	8	4	65	565
Hoopa, 20—Humboldt							
Hoopa Valley Indian Hospital	Gen	IA	36	13	5	37	415
Huntington Park, 28,648—Los Angeles							
Mission Hospital♣	Gen	Corp	31	28	10	346	1,354
Imola, 20—Napa							
Napa State Hospital	Ment	State	3,834	3,592	..	....	839
Indio, 2,256—Riverside							
Casita Hospital	Gen	Indiv	26	11	7	117	720
Coachella Valley Hospital	Gen	Part	14	12	4	103	749
Inglewood, 30,114—Los Angeles							
Centinela Hospital	Gen	Indiv	40	27	10	217	971
Keene, 164—Kern							
Stony Brook Retreat	TB	County	103	101	..	....	80
King City, 1,703—Monterey							
Community Hospital	Gen	Indiv	15	6	4	28	267
La Crescenta, 6,600—Los Angeles							
Hillcrest Sanatorium	TB	Corp	90	80	..	....	163
La Jolla, —San Diego							
Scripps Memorial Hospital♣	Gen	NPAssn	44	27	6	65	1,008
Scripps Metabolic Clinic	Metab	NPAssn	33	26	..	....	1,343
La Vina, 70—Los Angeles							
La Vina Sanatorium	TB	NPAssn	50	49	..	....	35
Lindsay, 4,397—Tulare							
Lindsay Hospital	Gen	Part	12	8	3	77	332
Livermore, 2,885—Alameda							
Arroyo-Del Valle Sanatorium◆♣	TB	County	206	240	..	....	264
Livermore Sanitarium	N&M	Corp	146	100	..	....	200
St. Paul's Hospital	Gen	Indiv	20	12	3	84	300
Veterans Admin. Facility♣	TB	Vet	339	288	..	....	461

CALIFORNIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Lodi, 11,079—San Joaquin							
Buchanan Hospital	Gen	Indiv	30	15	9	140	978
Mason Hospital	Gen	Indiv	30	16	5	90	562
Loma Linda, 2,500—San Bernardino							
Loma Linda Sanitarium and Hospital◆♣	Gen	Church	112	85	12	222	3,028
Long Beach, 164,271—Los Angeles							
Harriman Jones Clinic and Hospital♣	Gen	Indiv	40	17	7	88	751
Long Beach Community Hospital♣	Gen	NPAssn	100	66	20	515	3,606
St. Mary's Long Beach Hospital♣	Gen	Church	75	70	15	738	2,633
Seaside Memorial Hospital♣	Gen	NPAssn	214	129	40	708	5,038
Los Angeles, 1,504,277—Los Angeles							
Barlow Sanatorium◆	TB	NPAssn	100	99	..	....	73
Baurhyte Maternity Cottage	Mat	NPAssn	20	20	20	606	695
California Babies' and Children's Hospital♣	Chil	NPAssn	30	9	10	37	456
California Hospital♣♣	Gen	Church	261	228	32	1,282	8,845
Cedars of Lebanon Hospital◆♣	Gen	NPAssn	256	235	40	1,075	9,313
Children's Hospital♣♣	Chil	NPAssn	200	154	..	....	4,754
East Los Angeles Hospital	Gen	NPAssn	25	18	11	397	711
Ex-Patients' Home of the Jewish Consumptive Relief Association	TB	NPAssn	70	67	..	....	73
Eye and Ear Hospital	ENT	Corp	21	5	..	....	1,655
French Hospital♣	Gen	NPAssn	80	57	20	465	2,028
Golden State Hospital♣	Gen	Indiv	70	29	..	....	642
Hospital of the Good Samaritan◆♣	Gen	Church	400	318	45	984	10,026
Japanese Hospital	Gen	Corp	30	23	6	121	1,142
Lincoln Hospital	Gen	NPAssn	30	16	11	187	757
Los Angeles County Hospital (Medical Unit)◆♣♣	Gen	County	3,794	2,166	217	3,588	48,992
Los Angeles County Psychopathic Hospital	Unit of Los Angeles County Hospital						
Los Angeles Sanitarium	Gen	Indiv	37	19	..	....	151
Methodist Hospital of Southern California♣	Gen	Church	180	116	40	1,321	5,485
Orthopaedic Hospital♣♣	OrChil	NPAssn	75	72	..	....	2,042
Pahl Hospital	Gen	Indiv	15	6	3	42	388
Presbyterian Hospital-Olmsted Memorial	Gen	NPAssn	250	182	65	1,179	7,341
Queen of Angels Hosp.◆♣♣	Gen	Church	325	246	64	1,404	9,253
St. Vincent's Hospital◆♣♣	Gen	Church	250	191	50	806	6,292
Santa Fe Coast Lines Hospital♣♣	Indus	NPAssn	100	135	..	....	3,382
Southwest General Hospital	Gen	Indiv	24	18	12	....	545
White Memorial Hosp.◆♣♣	Gen	Church	185	137	30	987	7,317
Los Banos, 2,214—Merced							
City Clinic and Emergency Hospital	Gen	Church	13	....	4	Estab. 1940	
Madera, 6,457—Madera							
Dearborn Hospital	Gen	Indiv	25	11	4	98	689
Madera County Hospital	Gen	County	143	121	8	240	1,214
Madera Sanitarium	Gen	Indiv	21	13	3	108	640
Manor, —Marin							
Arequipa Sanatorium	TB	NPAssn	50	42	..	....	56
March Field, —Riverside							
Station Hospital	Gen	Army	75	33	5	65	1,080
Mare Island, 500—Solano							
U. S. Naval Hospital♣♣	Gen	Navy	484	469	5	82	5,616
Martinez, 7,381—Contra Costa							
Contra Costa County Hospital	Gen	County	235	167	12	281	2,949
Martinez Community Hosp.	Gen	Corp	30	23	6	178	1,165
Marysville, 6,656—Yuba							
Rideout Memorial Hospital	Gen	Indiv	32	23	6	192	1,381
McCloud, 2,516—Siskiyou							
McCloud Hospital	Gen	NPAssn	23	6	6	77	573
Merced, 10,135—Merced							
Mercy Hospital	Gen	Indiv	50	34	12	298	1,963
Modesto, 16,276—Stanislaus							
McPheeters Hospital	Gen	Indiv	35	...No data supplied			
Robertson Hospital	Gen	Indiv	35	24	10	286	1,396
St. Mary's Hospital	Gen	Church	22	14	8	221	786
Stanislaus County Hospital	Gen	County	250	238	15	421	3,805
Monrovia, 12,849—Los Angeles							
Norumbega Sanatorium	TB	Indiv	20	13	..	....	40
Pottenger Sanatorium and Clinic◆	TB	Corp	90	61	..	....	204
Monterey, 10,084—Monterey							
Monterey Hospital♣	Gen	NPAssn	34	12	6	43	538
Station Hospital	Gen	Army	300	250	2	11	4,099
Monterey Park, 8,581—Los Angeles							
Garfield Hospital♣	Gen	NPAssn	38	28	12	473	1,324
Murphys, 626—Calaveras							
Bret Harte Sanatorium◆	TB	Counties	247	227	..	....	415
Napa, 7,746—Napa							
Victory Hospital	Gen	Corp	28	19	8	201	835
National City, 16,344—San Diego							
Elwyn Hospital	Gen	Part	10	4	3	24	149
Paradise Valley Sanitarium and Hospital◆♣	Gen	Church	127	65	16	362	1,985
Nevada City, 2,445—Nevada							
Minera Hospital	Gen	NPAssn	20	....	4	Estab. 1940	
Newhall, 1,104—Los Angeles							
Wildwood Sanatorium	Unit of Olive View Sanatorium, Olive View						
Newman, 1,214—Stanislaus							
West Side Hospital	Gen	Corp	16	9	4	65	424
Norwalk, 5,111—Los Angeles							
Norwalk State Hospital	Ment	State	2,485	2,315	..	....	618

Key to symbols and abbreviations is on page 1083

CALIFORNIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Oakland, 302,163—Alameda							
Children's Hospital of the East Bay◆▲	Chil	NPAssn	50	28	..	....	2,261
East Oakland Hospital▲	Gen	Corp	83	60	15	1,000	5,461
Highland-Alameda County Hospital◆▲○	Gen	County	366	382	22	1,176	12,797
Peralta Hospital▲	Gen	NPAssn	145	117	40	808	5,502
Providence Hospital▲	Gen	Church	190	114	60	785	5,011
Samuel Merritt Hospital▲○	Gen	NPAssn	190	145	35	1,038	6,021
Olive View, —Los Angeles							
Olive View Sanatorium◆	TB	County	1,000	1,054	..	....	709
Orange, 7,901—Orange							
Orange County General Hospital▲○	Gen	County	332	297	20	348	3,529
St. Joseph Hospital▲○	Gen	Church	105	61	21	546	2,492
Oxnard, 8,519—Ventura							
St. John's Hospital▲	Gen	Church	28	13	9	128	483
Palo Alto, 16,774—Santa Clara							
Palo Alto Hospital▲	Gen	NPAssn	163	75	28	441	3,412
Veterans Admin. Facility▲	Ment	Vet	1,718	1,132	..	....	375
Pasadena, 81,864—Los Angeles							
Collis P. and Howard Huntington Memorial Hospital▲○	Gen	NPAssn	204	149	25	720	5,958
Las Encinas Sanitarium	Nerv& IntMed	Corp	100	89	..	....	297
Lutheran Good Samaritan Hospital	Gen	Church	45	36	6	141	749
St. Luke Hospital▲	Gen	Church	75	60	20	425	2,315
Southern California Sanitarium for Nervous and General Diseases	See Las Encinas Sanitarium						
Wesson's Hospital	Mat	NPAssn	14	8	14	300	312
Patton, 4,300—San Bernardino							
Patton State Hospital	Ment	State	4,024	3,843	..	....	1,380
Placerville, 3,904—Eldorado							
Placerville Sanatorium	Gen	Part	30	15	10	61	542
Pomona, 25,539—Los Angeles							
Pomona Valley Community Hospital▲	Gen	NPAssn	82	35	21	251	1,762
Portola, 1,466—Plumas							
Western Pacific Railway Hospital	Gen	NPAssn	27	14	6	77	504
Quincy, 1,666—Plumas							
Plumas County Hospital	Gen	County	34	29	3	29	280
Red Bluff, 3,824—Tehama							
St. Elizabeth's Mercy Hospital	Gen	Church	40	28	8	126	670
Tehama County Hospital	Gen	County	68	46	8	91	511
Redwood City, 12,453—San Mateo							
Canyon Sanatorium	TB	Indiv	70	36	..	....	79
Hassler Health Home	TB	CyCo	314	96	..	....	164
Richmond, 23,642—Contra Costa							
Richmond Hospital▲	Gen	Part	50	36	11	311	1,902
Riverside, 34,696—Riverside							
Riverside Community Hospital▲	Gen	NPAssn	64	53	18	405	2,217
Rosemead, 4,509—Los Angeles							
Alhambra Sanatorium	N&M	Part	22	14	..	....	61
Ross, 1,734—Marin							
Ross General Hospital▲	Gen	Corp	88	54	8	162	1,335
Sacramento, 105,958—Sacramento							
Mercy Hospital▲○	Gen	Church	160	116	27	587	4,778
Sacramento County Hospital▲○	Gen	County	485	359	25	711	8,219
Sutter General Hospital▲	Gen	NPAssn	225	177	..	....	7,761
Sutter Maternity Hospital	Mat	NPAssn	52	41	56	1,320	1,457
Salinas, 11,586—Monterey							
El Sausal Sanitarium	Unit of Monterey County Hospital						
Monterey County Hospital	GenTb	County	195	170	10	284	3,010
Park Lane Hospital	Gen	Indiv	36	24	9	270	1,067
Salinas Valley Hospital	Gen	Part	21	20	9	120	980
San Bernardino, 45,654—San Bernardino							
St. Bernardine's Hospital▲	Gen	Church	125	49	12	352	1,750
San Bernardino County Charity Hospital○	Gen	County	324	290	17	555	5,786
San Diego, 365,581—San Diego							
Mercy Hospital○	Gen	Church	300	252	60	1,561	10,936
San Diego County General Hospital◆▲○	Gen	County	638	461	38	786	9,313
U. S. Naval Hospital▲○	Gen	Navy	1,184	959	..	....	9,711
Vaughan Home	Unit of San Diego County General Hospital						
San Fernando, 9,004—Los Angeles							
Veterans Admin. Facility▲	TB	Vet	360	339	..	....	704
San Francisco, 634,536—San Francisco							
Chinese Hospital	Gen	NPAssn	50	25	9	121	495
Dante Hospital	Gen	Corp	173	120	12	121	4,251
Franklin Hospital▲○	Gen	NPAssn	225	190	23	288	5,508
French Hospital▲◆○	Gen	NPAssn	210	140	19	277	3,576
Greens' Eye Hospital◆	ENT	Part	33	5	..	....	1,040
Hospital for Children▲○	Gen	NPAssn	188	127	44	1,081	4,775
Letterman General Hosp.▲	Gen	Army	1,192	780	10	143	9,051
Mary's Help Hospital▲◆○	Gen	Church	119	85	25	478	3,167
Mt. Zion Hospital▲◆○	Gen	NPAssn	161	96	26	401	5,980
Park Sanitarium	N&M	Corp	33	23	..	....	736
St. Elizabeth's Infant Hosp.	MatCh	Church	65	54	10	72	92
St. Francis Hospital▲○	Gen	NPAssn	285	184	50	712	8,147
St. Joseph's Hospital▲○	Gen	Church	244	165	45	1,067	6,017
St. Luke's Hospital▲◆○	Gen	Church	200	153	20	421	5,324
St. Mary's Hospital▲○	Gen	Church	325	253	40	1,158	8,516
San Francisco Hospital▲◆○	Gen	CyCo	1,284	1,074	50	601	16,355
San Francisco Psychopathic Hospital	Unit of San Francisco Hospital						

CALIFORNIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Shriners Hospital for Crippled Children◆▲	Orth	NPAssn	60	60	..	....	321
Southern Pacific General Hospital▲◆	Indus	NPAssn	400	306	..	....	5,661
Stanford University Hospitals◆○	Gen	NPAssn	389	249	36	701	9,736
Sutter Hospital	Gen	Corp	69	25	12	32	2,114
U. S. Marine Hospital▲◆	Gen	USPHS	485	451	..	....	5,211
University of California Hospital◆▲○	Gen	State	279	213	30	592	7,608
Veterans Admin. Facility◆	Gen	Vet	340	311	..	....	2,210
Sanger, 4,017—Fresno							
Sanger Sanitarium	Gen	Indiv	16	7	4	93	469
Sanitarium, 400—Napa							
St. Helena Sanitarium and Hospitals○	Gen	Church	130	73	6	91	2,109
San Jacinto, 1,256—Riverside							
Soboba Indian Hospital	Gen	IA	32	16	3	25	294
San Jose, 68,457—Santa Clara							
Alum Rock Sanatorium	TB	Corp	45	32	..	....	143
O'Connor Sanitarium○	Gen	Church	165	72	25	630	3,362
San Jose Hospital▲	Gen	NPAssn	131	85	20	806	4,040
Santa Clara County Hospital◆○	GenTb	County	537	436	26	816	7,754
Santa Clara County Sanatorium◆	Unit of Santa Clara County Hospital						
San Leandro, 14,601—Alameda							
Fairmont Hospital of Alameda County▲○	GenTb	County	768	749	..	....	1,918
San Luis Obispo, 8,881—San Luis Obispo							
Mountain View Hospital	Gen	Indiv	20	12	4	57	630
San Luis Obispo County Tuberculosis Sanatorium	Unit of San Luis Obispo General Hospital						
San Luis Obispo General Hospital	GenTb	County	60	38	8	97	1,324
San Luis Sanitarium	Gen	Indiv	23	14	5	70	684
San Mateo, 19,463—San Mateo							
Community Hospital of San Mateo County▲	Gen	County	198	148	12	151	2,119
Mills Memorial Hospital▲	Gen	Church	124	75	38	464	3,378
San Pedro, —Los Angeles							
San Pedro Hospital▲	Gen	Corp	88	55	24	527	2,595
Station Hospital	Gen	Army	86	35	..	....	1,388
U. S. Ship Relief Hospital▲	Gen	Navy	367	173	..	....	2,737
San Rafael, 8,573—Marin							
San Rafael Cottage Hosp.	Gen	Indiv	45	25	16	210	1,056
Santa Barbara, 34,958—Santa Barbara							
St. Francis Hospital▲	Gen	Church	85	59	20	263	1,979
Santa Barbara Cottage Hospital▲○	Gen	NPAssn	165	103	20	265	3,501
Santa Barbara General Hospital▲	Gen	County	300	204	12	216	2,491
Santa Cruz, 16,806—Santa Cruz							
Healy Hospital	Gen	Indiv	31	10	7	52	453
Santa Cruz County Hospital	GenTb	County	110	129	6	145	1,320
Santa Cruz Hospital	Gen	Corp	35	20	8	187	1,071
Santa Maria, 8,522—Santa Barbara							
Our Lady of Perpetual Help Hospital	Gen	Church	40	...	14	Estab. 1940	
Santa Monica, 53,250—Los Angeles							
Santa Monica Hospital▲	Gen	Corp	150	126	30	1,369	6,159
Santa Rosa, 12,605—Sonoma							
Eliza Tanner Hospital	Gen	Part	20	10	5	153	511
General Hospital	Gen	Indiv	41	14	8	149	841
Sonoma County Hospital◆▲	Gen	County	426	366	14	279	2,906
Scotia, 1,000—Humboldt							
Scotia Hospital	Gen	NPAssn	25	18	4	...	400
Selma, 5,057—Fresno							
Selma Sanitarium	Gen	Corp	21	14	6	124	980
Shasta Dam, 750—Shasta							
Shasta Dam Hospital	Indus	NPAssn	20	12	..	....	594
Sonora, 2,257—Tuolumne							
Sonora Hospital	Gen	Indiv	25	12	4	56	508
South Gate, 36,945—Los Angeles							
Suburban Hospital	Gen	Corp	46	38	20	645	1,414
South Pasadena, 14,536—Los Angeles							
Pasadena Sanitarium	N&M	Indiv	100	71	..	....	99
South San Francisco, 6,629—San Mateo							
South San Francisco Hosp.	Gen	Corp	34	...	No data supplied		
Spadra, 275—Los Angeles							
Pacific Colony State Narcotic Hospital	MeDeDrug	State	1,348	1,056	..	....	395
Springville, 935—Tulare							
Tulare-Kings Counties Joint Tuberculosis Hospital	TB	Counties	146	123	..	....	142
Stockton, 54,714—San Joaquin							
Dameron Hospital	Gen	Corp	76	54	18	363	2,711
St. Joseph's Home and Hospital▲	Gen	Church	95	64	15	412	2,509
Stockton State Hospital	Ment	State	4,708	4,255	..	....	1,463
Susanville, 1,575—Lassen							
Riverside Hospital	Gen	Indiv	40	7	6	52	612
Talmage, 536—Mendocino							
Mendocino State Hospital◆	Ment	State	2,951	2,726	..	....	813
Tehachapi, 1,264—Kern							
Tehachapi Valley Hospital	Gen	Indiv	15	9	4	80	457
Terminal Island, 1,046—Los Angeles							
Federal Correctional Hosp.▲	Gen	USPHS	41	35	..	....	518
Torrance, 9,950—Los Angeles							
Jared Sidney Torrance Memorial Hospital▲	Gen	NPAssn	40	21	12	338	1,092
Trona, 775—San Bernardino							
Trona Hospital	Gen	NPAssn	20	9	6	43	490

Key to symbols and abbreviations is on page 1083

CALIFORNIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Tulare, 8,259—Tulare							
East Tulare Hospital	Gen	Indiv	12	6	12	318	426
Tulare County General Hospital	Gen	County	102	83	15	619	3,805
Tulare Hospital	Gen	Indiv	24	18	4	9	948
Turlock, 4,839—Stanislaus							
Emanuel Hospital	Gen	Church	40	19	9	136	845
Lillian Collins Hospital	Gen	Indiv	15	4	6	39	276
Upland, 6,336—San Bernardino							
San Antonio Community Hospital‡	Gen	NPAssn	55	29	16	285	1,498
Vallejo, 20,072—Solano							
Vallejo General Hospital	Gen	Indiv	70	35	18	356	3,318
Ventura, 13,264—Ventura							
Bard Memorial Hospital	Unit of Ventura County Hospital						
Foster Memorial Hospital‡	Gen	NPAssn	65	23	12	144	1,032
Ventura County Hospital‡	GenTb	County	300	222	7	274	4,844
Vineburg, 164—Sonoma							
Burndale Hospital	Gen	Indiv	15	5	2	37	200
Visalia, 8,904—Tulare							
Visalia Municipal Hospital	Gen	City	32	21	8	300	1,316
Watsonville, 8,957—Santa Cruz							
Watsonville Hospital	Gen	Corp	37	23	10	217	1,164
Weed, 4,000—Siskiyou							
Weed Hospital	Gen	Part	20	7	4	81	319
Weimar, 50—Placer							
Weimar Joint Sanatorium	TB	Counties	544	521	..	...	503
West Los Angeles, —Los Angeles							
Veterans Admin. Facility‡	GenMent	Vet	2,425	1,900	..	...	8,564
Westwood, 3,500—Lassen							
Westwood Hospital	Gen	NPAssn	40	17	9	131	746
Willits, 1,625—Mendocino							
Frank R. Howard Memorial Hospital	Gen	NPAssn	22	14	5	80	571
Woodland, 6,657—Yolo							
Woodland Clinic Hospital‡	Gen	Part	65	43	10	154	1,962
Yosemite National Park, 1,000—Mariposa							
Lewis Memorial Hospital	Gen	Indiv	13	8	3	20	355
Yreka, 2,485—Siskiyou							
Siskiyou County General Hospital	Gen	County	140	135	8	130	1,500
Yuba City, 4,868—Sutter							
Yuba City General Hospital	Gen	Indiv	20	15	6	225	963
Related Institutions							
Alcatraz, —San Francisco							
U. S. Penitentiary Hosp.‡	Inst	Fed	50	...	..	...	...
Altadena, —Los Angeles							
Pasadena Preventorium	Conv	NPAssn	40	35	..	...	87
Alta Loma, 1,500—San Bernardino							
Our Lady of Lourdes Sanatorium	TB	Indiv	25	8	..	...	17
Artesia, 5,891—Los Angeles							
Pioneer Sanitarium	N&M	Indiv	53	53	..	...	52
Atwater, 1,235—Merced							
Bloss Memorial Hospital	Unit of Merced General Hospital, Merced						
Auburn, 4,015—Placer							
Placer County Hospital	InstGen	County	136	103	6	76	906
Azusa, 5,289—Los Angeles							
Rural Rest Home and Sanitarium	Conv	NPAssn	95	90	..	...	170
Belmont, 1,229—San Mateo							
Chas. S. Howard Foundation	TbChil	NPAssn	20	17	..	...	48
Hillwell Sanitarium	N&M	Part	25	23	..	...	34
Blythe, 2,255—Riverside							
Blythe Hospital	Gen	County	18	9	11	106	581
Claremont, 3,057—Los Angeles							
Claremont Colleges Infirmary	Inst	NPAssn	24	5	..	...	337
Coronado, 6,932—San Diego							
Coronado Hospital	Gen	Indiv	14	6	5	64	369
Culver City, 8,976—Los Angeles							
Community Hospital	Gen	Indiv	11	8	6	131	439
Delano, 4,575—Kern							
Delano Hospital	Gen	Indiv	16	8	7	57	492
Dos Palos, 978—Merced							
Dos Palos Community Hosp.	Gen	Indiv	16	8	3	84	416
Duarte, 1,500—Los Angeles							
Mulrose Sanatorium	TB	Indiv	24	10	..	...	40
Palm Grove Sanatorium	N&M	Part	45	43	..	...	47
Santa Teresita Sanatorium	TB	Church	120	115	..	...	40
Eldridge, 16—Sonoma							
Sonoma State Home	MeDe	State	2,987	2,969	..	...	415
Eureka, 17,055—Humboldt							
Humboldt County Isolation Hospital	Iso	County	16	3	..	...	96
Fairfield, 1,312—Solano							
Solano County Hospital	InstGen	County	110	80	6	96	764
Fowler, 1,531—Fresno							
Fowler Sanitarium	Gen	Indiv	6	3	3	35	214
Glendale, 82,582—Los Angeles							
Villa Shaw Rest Home	Ment	Indiv	25	25	..	...	25
Hollister, 3,881—San Benito							
San Benito County Hosp.	InstGen	County	41	32	2	16	240
Hondo, 3,150—Los Angeles							
Rancho Los Amigos	InstMent	County	2,823	2,774	..	...	2,604
Inglewood, 30,134—Los Angeles							
St. Eve Sanitarium	N&M	Indiv	200	185	..	...	313
Stork's Nest Maternity Hospital	Mat	Part	28	10	17	380	380
Keene, 164—Kern							
Kern County Preventorium	TB	County	50	38	..	...	52
Kingsburg, 1,564—Fresno							
Kingsburg Sanitarium	Gen	Indiv	14	7	4	56	395
La Crescenta, 6,000—Los Angeles							
Kimball Sanitarium	N&M	Part	28	21	..	...	136

CALIFORNIA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Lancaster, 1,000—Los Angeles							
Antelope Valley Sanatorium	TB	Part	118	97	..	...	98
Lincoln, 2,041—Placer							
Joslin's Sanatorium	N&M	Indiv	15	11	..	...	15
Livermore, 2,885—Alameda							
Del Valle Preventorium	Unit of Arroyo-Del Valle Sanatorium, Livermore						
Long Beach, 164,271—Los Angeles							
Bixby Knolls Maternity Hospital	Mat	Part	20	11	24	524	519
California Sanitarium	Conv	Indiv	36	32	..	...	700
Los Angeles, 1,504,277—Los Angeles							
Chase Diet Sanitarium	Conv	Part	22	11	..	...	138
Doughty Sanatorium	TB	Indiv	14	11	..	...	32
Florence Crittenton Home	Mat	NPAssn	44	27	6	75	79
Junior League Convalescent Home for Children	Conv	NPAssn	24	22	..	...	71
Juvenile Hall Hospital	GenVen	County	121	64	..	...	5,070
Mt. Sinai Hospital	InstGen	NPAssn	105	52	..	...	34
Resthaven	N&M	NPAssn	45	35	..	...	201
St. Barnabas Rest Home for Men	Conv	Church	15	11	..	...	128
Salvation Army Women's Home and Hospital	Mat	Church	72	70	8	136	211
Twentieth Century Sanit.	N&M	Indiv	45	45	..	...	78
Marysville, 6,646—Yuba							
Yuba County Hospital	InstGen	County	90	77	6	145	1,222
Merced, 10,135—Merced							
Merced General Hospital	InstGen	County	250	241	19	485	3,228
Monrovia, 12,967—Los Angeles							
Maryknoll Sanatorium	TB	Church	50	48	..	...	40
Montebello, 8,046—Los Angeles							
Los Angeles Convalescent Home	Conv	NPAssn	42	30	..	...	461
National City, 10,344—San Diego							
Hilbrest Home	N&M	Indiv	50	32	..	...	72
Nevada City, 2,445—Nevada							
Nevada City Sanitarium	Gen	Indiv	10	4	8	142	361
Nevada County Hospital	InstGen	County	100	77	3	28	547
Oakland, 302,163—Alameda							
Salvation Army Women's Home and Hospital	Mat	Church	66	61	38	179	179
Pacific Grove, 6,249—Monterey							
Pine Grove Sanitarium and Hospital	Gen	Indiv	13	2	4	55	107
Pacoima, —Los Angeles							
Independent Order of Foresters California Tuberculosis Sanitarium	TB	NPAssn	60	18	..	...	21
Placerville, 3,064—Eldorado							
Eldorado County Hospital	InstGen	County	60	33	4	20	146
Porterville, 6,570—Tulare							
New Porterville Hospital	Gen	Indiv	20	10	4	144	601
Randsburg, 433—Kern							
Rand District Hospital	Gen	Indiv	8	6	2	21	394
Redding, 8,395—Shasta							
Shasta County Hospital	InstGen	County	82	75	8	122	1,240
Repress, 30—Sacramento							
Folsom Prison Hospital	Inst	State	94	65	..	...	951
Riverside, 34,696—Riverside							
Sherman Institute Hospital	Inst	IA	58	...No data supplied			
Rosemead, 4,500—Los Angeles							
Rosemead Lodge	N&M	Indiv	68	35	..	...	179
Ross, 1,751—Marin							
Cedars Development School	MeDe	Corp	37	31	..	...	2
San Andreas, 1,082—Calaveras							
San Andreas Hospital	Gen	Indiv	9	3	2	3	65
San Diego, 203,341—San Diego							
Fraser Hall	Conv	Part	25	16	..	...	102
San Fernando, 9,094—Los Angeles							
Pauling Rest Home	TB	County	57	50	..	...	40
San Fernando Hospital	Gen	Indiv	19	11	5	102	469
San Francisco, 634,536—San Francisco							
Garden Nursing Home	Incur	NPAssn	67	66	..	...	69
Greer Home	Conv	Corp	21	16	..	...	58
Laguna Honda Home	Inst	Cy'Co	770	748	..	...	854
San Francisco Psychopathic	Gen	NPAssn	12	7	..	...	538
San Gabriel, 11,867—Los Angeles							
Baldy View Sanitarium	N&M	Part	85	85	..	...	122
Mission Lodge Sanitarium	N&M	Indiv	60	60	..	...	48
San Marino Sanitarium	N&M	Part	72	62	..	...	65
San Jose, 68,457—Santa Clara							
Beale Sanitarium	N&M	Indiv	15	9	..	...	48
Sunnyholme Preventorium	Unit of Santa Clara County Hospital						
San Mateo, 19,405—San Mateo							
San Mateo Preventorium	TB	NPAssn	28	23	..	...	24
San Quentin, 328—Marin							
Charles L. Neumiller Memorial Hospital	Inst	State	360	121	..	...	1,419
San Rafael, 8,575—Marin							
Marin County Hospital	GenTb	County	70	...	..	...	...
Santa Barbara, 34,958—Santa Barbara							
La Loma Feliz	CardChil	NPAssn	20	18	..	...	22
Santa Monica, 35,500—Los Angeles							
Loamshire Convalescent Hospital and Rest Home	Conv	Corp	30	16	..	...	138
Sonora, 2,257—Tuolumne							
Tuolumne County Hospital	InstGen	County	41	23	5	45	472
Stanford University, 726—Santa Clara							
Stanford Convalescent Home	Chil	NPAssn	80	71	..	...	165
Sunland, —Los Angeles							
Sunland Sanatorium	TB	Corp	50	55	..	...	87
Tujunga, —Los Angeles							
Reslock Health Retreat	Chil	Indiv	34	22	..	...	50
Verdugo City, 1,500—Los Angeles							
Rockhaven Sanitarium	N&M	Indiv	100	100	..	...	200

Key to symbols and abbreviations is on page 1083

V 1
194

CALIFORNIA—Continued

Hospitals and Sanatoriums / Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Veterans Home, 800—Napa							
Veterans Home Hospital♣	Inst	State	266	215	..	...	1,655
Willows, 2,215—Glenn							
Glenn County Hospital	InstGen	County	58	...No data supplied			
Yuba City, 4,968—Sutter							
Sutter County Hospital	InstGen	County	70	43	8	187	1,106

COLORADO

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Alamosa, 5,613—Alamosa							
Community Hospital	Gen	Church	43	27	8	228	1,348
Aspen, 777—Pitkin							
Citizens' Hospital	Gen	NPAssn	20	5	2	2	65
Boulder, 12,958—Boulder							
Boulder-Colorado Sanitarium and Hospital♣◇	Gen	Church	101	37	6	41	1,185
Community Hospital♣	Gen	NPAssn	45	29	12	142	1,353
Brush, 2,481—Morgan							
Eben-Ezer Hospital	Gen	Church	24	13	8	99	613
Canon City, 6,030—Fremont							
Colorado Hospital	Gen	Indiv	28	12	5	59	340
Thomas More Hospital	Gen	Church	40	15	6	70	655
Cheyenne Wells, 695—Cheyenne							
Cheyenne County Hospital	Gen	Indiv	10	5	6	21	194
Climax, 350—Lake							
Climax Molybdenum Company Hospital	Indus	NPAssn	10	3	..	...	112
Colorado Springs, 36,790—El Paso							
Beth El General Hospital and Sanatorium♣◇	GenTb	Church	160	87	16	293	2,651
Colorado Springs Psychopathic Hospital	N&M	Part	150	130	..	...	275
Glockner Sanatorium and Hospital◇	GenTb	Church	150	99	13	189	1,773
National Methodist Episcopal Sanat. for Tuberculosis	Unit of Beth-El General Hosp. and Sanat.						
Otoahtian Hospital	Unit of Beth-El General Hosp. and Sanat.						
St. Francis Hospital and Sanatorium♣♣	GenTb	Church	140	86	16	230	1,431
Union Printers Home and Tuberculosis Sanatorium	GenTb	NPAssn	172	164	..	...	237
Cortez, 1,778—Montezuma							
Johnson Hospital	Gen	Indiv	12	5	2	40	186
Cripple Creek, 2,258—Teller							
Cripple Creek Hospital	Gen	NPAssn	25	9	6	78	672
Del Norte, 1,923—Rio Grande							
St. Joseph's Hospital and Sanatorium	Gen	Church	45	22	11	124	924
Delta, 5,717—Delta							
Western Slope Memorial Hospital	Gen	NPAssn	12	5	3	12	233
Denver, 322,412—Denver							
Bethesda Sanatorium	TB	Church	68	32	..	...	39
Beth Israel Hospital♣	Gen	NPAssn	55	34	10	56	1,189
Childrens Hospital♣◇	Chil	NPAssn	200	119	..	...	3,827
Colorado General Hosp.♣♣◇	Gen	State	245	133	20	629	3,878
Colorado Psychopathic Hospital♣◇	Ment	State	78	79	..	...	876
Denver General Hosp.♣♣◇	Gen	CyCo	521	300	51	493	7,416
Ex-Patients' Tubercular Home	TB	NPAssn	70	39	..	...	56
Fitzsimons General Hosp.♣	GenTb	Army	1,185	888	6	77	7,544
Mercy Hospital♣◇	Gen	Church	210	164	30	687	6,653
Mt. Airy Sanitarium♣	N&M	Corp	66	42	..	...	381
National Jewish Hospital♣♣	TB	NPAssn	246	231	..	...	195
Porter Sanitarium and Hospital♣	Gen	Church	80	53	13	205	1,757
Presbyterian Hospital♣◇	Gen	Church	150	111	25	748	4,397
St. Anthonys Hospital♣◇	Gen	Church	180	111	30	692	5,715
St. Joseph's Hospital♣◇	Gen	Church	246	193	54	845	6,343
St. Luke's Hospital♣♣◇	Gen	Church	219	162	40	749	6,910
Steele Memorial Hospital	Iso	CyCo	80	25	..	...	707
Durango, 3,987—La Plata							
Mercy Hospital♣◇	Gen	Church	51	31	9	167	1,940
Oehsner Hospital	Gen	Part	33	20	7	44	455
Edgewater, 1,648—Jefferson							
Craig Colony	TB	NPAssn	50	42	..	...	28
Sands House	TB	NPAssn	44	35	..	...	33
Englewood, 9,680—Arapahoe							
Federal Correctional Institution	Gen	USPHS	25	3	..	Estab. 1940	
Swedish National Sanat.	TB	NPAssn	90	...No data supplied			
Fairplay, 739—Park							
Fairplay Hospital	Gen	Indiv	16	6	2	52	561
Fort Logan, 800—Arapahoe							
Station Hospital	Gen	Army	74	39	..	...	677
Fort Lyon, 1,180—Bent							
Veterans Admin. Facility♣	Ment	Vet	865	676	..	...	124
Fort Morgan, 4,884—Morgan							
Fort Morgan Hospital	Gen	Indiv	25	10	6	139	614
Glenwood Springs, 2,253—Garfield							
Dr. Porter's Hospital	Gen	Part	21	10	4	46	387
Grand Junction, 12,479—Mesa							
St. Mary's Hospital♣◇	Gen	Church	65	35	12	238	1,696
Greeley, 15,995—Weld							
Greeley Hospital	Gen	County	103	84	31	536	3,534
Hayden, 646—Routt							
Solandt Memorial Hospital	Gen	NPAssn	16	8	3	53	331

COLORADO—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Holyoke, 1,150—Phillips							
Holyoke Hospital	Gen	Indiv	8	3	2	11	184
Ignacio, 555—LaPlata							
Edward T. Taylor Hospital	Gen	IA	44	22	3	31	740
Julesburg, 1,619—Sedgwick							
Community Hospital	Gen	Indiv	11	4	4	44	275
La Junta, 7,040—Otero							
Atchison, Topeka and Santa Fe Railroad Hospital♣	Indus	NPAssn	36	22	..	...	441
Mennonite Hospital and Sanitarium◇	GenTb	Church	60	56	13	254	1,173
Leadville, 4,774—Lake							
St. Vincent Hospital	Gen	Church	36	21	10	105	385
Longmont, 7,406—Boulder							
Longmont Hospital♣	Gen	Indiv	33	17	7	73	735
Montrose, 4,764—Montrose							
St. Luke's Hospital	Gen	Indiv	15	10	6	75	386
Oak Creek, 1,329—Routt							
Oak Creek Hospital	Gen	Indiv	11	7	2	43	380
Ouray, 951—Ouray							
Bates Hospital and Sanit.	Gen	Corp	16	5	2	8	280
Pueblo, 52,162—Pueblo							
Colorado State Hospital♣	Ment	State	4,062	3,914	..	...	684
Corwin Hospital♣◇	Gen	NPAssn	206	125	22	187	2,701
Parkview Hospital♣◇	Gen	NPAssn	85	47	9	229	1,959
St. Mary Hospital♣◇	Gen	Church	150	96	24	451	2,673
Woodcroft Hospital♣	N&M	Corp	120	56	..	...	132
Rocky Ford, 3,494—Otero							
Physicians Hospital	Gen	NPAssn	10	9	3	97	241
Salida, 4,969—Chaffee							
Denver and Rio Grande Western Railroad Hospital♣	Gen	NPAssn	70	42	4	80	1,508
Red Cross Hospital	Gen	Corp	40	15	3	25	348
Spivak, 350—Jefferson							
Sanat. of the Jewish Consumptives' Relief Society♣	TB	NPAssn	200	211	..	...	156
Sterling, 7,411—Logan							
Good Samaritan Hospital	Gen	Church	30	15	10	100	722
St. Benedict Hospital♣	Gen	Church	30	17	6	182	870
Towaoc, 50—Montezuma							
Ute Mountain Indian Hosp.	Gen	IA	26	8	4	14	319
Trinidad, 13,275—Las Animas							
Mt. San Rafael Hospital◇	Gen	Church	75	32	7	119	955
Walsenburg, 3,855—Huerfano							
Lamme Brothers Hospital	Gen	Part	20	8	2	18	340
Wheat Ridge, 300—Jefferson							
Evangelical Lutheran Sanit.	TB	Church	110	84	..	...	51
Woodmen, 400—El Paso							
Modern Woodmen of America Sanatorium♣	TB	NPAssn	155	76	..	...	117
Wray, 2,093—Yuma							
Wray Hospital	Gen	Indiv	15	5	5	68	272
Related Institutions							
Boulder, 12,958—Boulder							
Boulder County Hospital	Gen	County	40	29	5	92	601
Mesa Vista Sanatorium	TB	Part	50	20	..	...	27
Burlington, 1,280—Kit Carson							
Burlington Hospital	Gen	Part	8	4	4	48	267
Canon City, 6,030—Fremont							
Colorado State Penitentiary Hospital	Inst	State	45	40	..	...	1,738
Collbran, 391—Mesa							
Plateau Valley Congregation Hospital	Gen	Church	13	3	5	23	211
Colorado Springs, 36,790—El Paso							
Cragmor Sanatorium	TB	NPAssn	130	50	..	...	45
Denver, 322,412—Denver							
Florence Crittenton Home (Mary H. Donaldson Woman's Hospital)	Mat	NPAssn	11	3	9	99	112
Oakes Home Sanitarium	TB	Church	100	58	..	...	92
St. Francis Sanatorium	TB	Church	16	11	..	...	40
Salvation Army, Women's Home and Hospital	Mat	Church	40	27	20	85	98
Englewood, 9,680—Arapahoe							
Costello Home	TB	NPAssn	16	10	..	...	9
Temple Sanatorium	Conv	Indiv	25	24	..	...	125
Flagler, 500—Kit Carson							
Flagler Hospital	Gen	Indiv	10	5	4	46	267
Fruita, 1,466—Mesa							
Fruita Community Hospital	Gen	Indiv	8	3	2	38	186
Golden, 3,175—Jefferson							
Hospital-State Industrial School for Boys	Inst	State	25	9	..	...	638
Grand Junction, 12,479—Mesa							
State Home and Training School for Mental Defectives	MeDe	State	507	379	..	...	38
Greeley, 15,995—Weld							
Island Grove Hospital	InstIso	County	66	55	..	...	228
Homelake, 225—Rio Grande							
Colorado State Soldiers and Sailors Home	Inst	State	35	21	..	...	87
Longmont, 7,406—Boulder							
St. Vrain Hospital	Gen	Indiv	25	13	5	40	450
Loveland, 6,145—Larimer							
Loveland Hosp. and Clinic	Gen	Part	10	5	4	19	218
Monte Vista, 3,308—Rio Grande							
Monte Vista Hospital	Gen	Indiv	9	5	5	36	212
Ridge, 307—Jefferson							
State Home and Training School for Mental Defectives	MeDe	State	320	298	..	...	26
Yuma, 1,066—Yuma							
Yuma Community Hospital	Gen	NPAssn	12	5	5	42	212

Key to symbols and abbreviations is on page 1083

CONNECTICUT

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Bridgeport, 147,121—Fairfield							
Bridgeport Hospital♠♣◇	Gen	NPAssn	326	301	74	1,649	9,461
Englewood Hospital	TbIso	City	150	29	..	....	326
St. Vincent's Hospital♠♣◇	Gen	Church	270	199	55	1,103	6,561
Bristol, 30,167—Hartford							
Bristol Hospital♠	Gen	NPAssn	100	93	25	547	3,767
Canaan, 355—Litchfield							
Robert C. Geer Memorial Hospital	Gen	NPAssn	26	10	7	50	442
Cromwell, 3,281—Middlesex							
Cromwell Hall	Nerv	Corp	33	17	..	....	75
Danbury, 22,539—Fairfield							
Danbury Hospital♠♣◇	Gen	NPAssn	180	92	30	480	2,901
Derby, 10,287—New Haven							
Griffin Hospital♠	Gen	NPAssn	82	65	19	461	2,303
Greens Farms, 275—Fairfield							
Hall-Brooke Sanitarium	N&M	Corp	70	45	..	....	130
Greenwich, —Fairfield							
Blythewood	N&M	Corp	79	50	..	....	133
Greenwich Hospital♠◇	Gen	NPAssn	115	97	20	569	2,544
St. Luke's Convalescent Hospital	Conv	Church	110	91	..	....	909
Hartford, 166,267—Hartford							
Avery Convalescent Hospital	Unit of Hartford Hospital						
Cedarcrest Sanatorium	TB	State	350	238	..	....	218
Hartford Hospital♠♣◇	Gen	NPAssn	667	397	106	2,440	17,514
Mt. Sinai Hospital♠	Gen	NPAssn	54	47	6	158	1,450
Municipal Hospitals♠♣◇	GenIso	City	315	197	25	297	4,467
Neuro-Psychiatric Institute of the Hartford Retreat♠♣	N&M	NPAssn	270	270	..	....	615
St. Francis Hospital♠♣◇	Gen	Church	444	332	82	1,611	10,632
Kent, 1,345—Litchfield							
Kent School Infirmary	Inst	NPAssn	26	5	..	....	1,393
Lakeville, 1,400—Litchfield							
Hotchkiss School Infirmary	Inst	NPAssn	35	11	..	....	544
Manchester, 25,750—Hartford							
Manchester Memorial Hosp.♠	Gen	NPAssn	87	70	11	300	2,298
Meriden, 29,494—New Haven							
Meriden Hospital♠♣◇	Gen	NPAssn	116	87	24	562	3,256
Undercliff, Meriden State Tuberculosis Sanatorium	TbChil	State	286	243	..	....	373
Middletown, 26,495—Middlesex							
Connecticut State Hospital♠	Ment	State	3,300	3,305	..	....	1,084
Middlesex Hospital♠♣◇	Gen	NPAssn	140	106	27	481	3,161
Milford, 16,429—New Haven							
Milford Hospital	Gen	NPAssn	50	24	15	141	855
New Britain, 68,085—Hartford							
New Britain General Hospital♠♣◇	Gen	NPAssn	227	161	40	930	5,572
New Haven, 160,605—New Haven							
Dr. J. H. Evans' Private Hospital	Gen	Indiv	8	3	..	....	104
Grace Hospital♠♣◇	Gen	NPAssn	220	201	40	1,010	6,604
Hospital of St. Raphael♠♣◇	Gen	Church	240	202	40	952	6,855
New Haven Hospital♠♣◇	Gen	NPAssn	521	395	50	921	10,265
Newington, 5,449—Hartford							
Newington Home for Crippled Children♣	Orth	NPAssn	200	174	..	....	124
Veterans Admin. Facility♠	Gen	Vet	305	...No data supplied			
New London, 30,456—New London							
Home Memorial Hospital	Gen	NPAssn	48	31	12	116	733
Lawrence and Memorial Associated Hospitals♠♣◇	Gen	NPAssn	210	124	38	714	3,592
Dr. Lena's Surgical Hospital	Surg	Indiv	26	20	..	....	891
U. S. Coast Guard Academy Hospital♠	Gen	USPHS	30	6	..	....	370
New Milford, 5,539—Litchfield							
New Milford Hospital	Gen	NPAssn	30	10	6	56	342
Newtown, 4,025—Fairfield							
Fairfield State Hospital	Ment	State	936	929	..	....	52
Norwalk, 29,849—Fairfield							
Norwalk General Hosp.♠♣◇	Gen	NPAssn	166	149	30	952	5,091
Norwich, 34,140—New London							
Norwich State Hospital	Ment	State	3,653	2,921	..	....	550
Norwich State Tuberculosis Sanatorium (Uncas-On-Thames)♣	TB	State	428	343	..	....	280
William W. Backus Hospital♠♣◇	Gen	NPAssn	150	88	28	623	3,018
Portland, 4,321—Middlesex							
Elmcrest Manor	N&M	Indiv	25	24	..	....	148
Putnam, 8,052—Windham							
Day Kimball Hospital♠	Gen	NPAssn	60	62	16	265	1,543
Rockville, 7,572—Tolland							
Rockville City Hospital	Gen	NPAssn	35	19	6	136	519
Sharon, 1,611—Litchfield							
Sharon Hospital♠	Gen	NPAssn	40	17	12	197	781
Shelton, 10,971—Fairfield							
Laurel Heights State Tuberculosis Sanatorium♣	TB	State	382	350	..	....	302
South Norwalk, —Fairfield							
Dr. Wadsworth's Sanitarium (Woodscourt)	N&M	Indiv	25	8	..	....	3
Stafford Springs, 3,401—Tolland							
Cyril and Julia C. Johnson Memorial Hospital	Gen	NPAssn	45	25	10	205	622
Stamford, 47,858—Fairfield							
Dr. Barnes Sanitarium	N&M	Corp	60	34	..	....	114
Stamford Hall	N&M	Corp	150	125	..	....	122
Stamford Hospital♠♣◇	Gen	NPAssn	221	160	39	870	5,179
Tophassee Grange	N&M	Corp	26	9	..	....	5
Thompsonville, 9,643—Hartford							
Elmcroft-Dr. Vail's Sanat.	N&M	Corp	12	7	..	....	....
Torrington, 26,988—Litchfield							
Charlotte Hungerford Hospital♠	Gen	NPAssn	130	85	20	553	2,934

CONNECTICUT—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Wallingford, 11,425—New Haven							
Gaylord Farm Sanatorium♦	TB	NPAssn	145	135	..	....	203
Waterbury, 99,314—New Haven							
St. Mary's Hospital♠♣◇	Gen	Church	226	191	44	1,073	8,798
Waterbury Hospital♠♣◇	Gen	NPAssn	306	198	49	935	6,798
Waterford, —New London							
The Seaside	TbChil	State	145	136	..	....	37
Westport, 8,258—Fairfield							
Westport Sanitarium	N&M	Corp	100	84	..	....	191
Williamantic, 12,101—Windham							
Windham Community Memorial Hospital♠	Gen	NPAssn	76	49	15	226	1,776
Winsted, 7,674—Litchfield							
Litchfield County Hospital♠	Gen	NPAssn	64	35	11	161	1,088
Related Institutions							
Avon, 2,258—Hartford							
Avon Old Farms Infirmary	Inst	NPAssn	12	2	..	....	190
Bridgeport, 147,121—Fairfield							
Hillside Home and Hospital	Chr	City	275	251	..	....	575
Cheshire, 4,352—New Haven							
Connecticut Reformatory	Inst	State	28	6	..	....	202
East Lyme, 3,328—New London							
Ida Thompson Hospital	Unit of Connecticut State Farm for Women, Niantic						
Greenwich, —Fairfield							
Crest View Sanitarium	N&M	Corp	18	15	..	....	13
Municipal Hospital	TbIso	City	72	46	2	1	244
Mansfield Depot, 300—Tolland							
Mansfield State Training School and Hospital	MeDe	State	1,200	1,179	..	....	58
Meriden, 29,494—New Haven							
Connecticut School for Boys	Inst	State	30	8	..	....	800
New Canaan, 6,276—Fairfield							
Silver Hill Foundation	Nerv	Corp	26	16	..	....	75
New Haven, 160,605—New Haven							
Jewish Home for the Aged	Inst	NPAssn	101	92	..	....	27
Yale Infirmary	Inst	NPAssn	30	8	..	....	602
Niantic, 1,312—New London							
Connecticut State Farm for Women	Inst	State	60	42	7	68	173
Noroton Heights, 4,200—Fairfield							
Nestledown Convalescent Hospital	Unit of Nestledown Home, Springdale						
Rocky Hill, 2,079—Hartford							
State Veterans Hospital	Inst	State	284	110	..	....	1,656
Springdale, 4,200—Fairfield							
Nestledown Home	ConvN&M	Indiv	29	25	..	....	32
Stamford, 47,938—Fairfield							
Pinewood Rest	Conv	Indiv	18	13	..	....	23
Waterbury, 99,314—New Haven							
Connecticut Children's Hosp.	MeDe	Indiv	125	79	..	....	77
West Hartford, 33,776—Hartford							
St. Agnes Home	Mat	Church	9	2	6	66	66
West Haven, 30,607—New Haven							
West Haven Convalescent Home	Conv	Indiv	12	10	..	....	24
West Suffield, 200—Hartford							
Travelers Rest Home	Conv	NPAssn	40	11	..	....	57
Wethersfield, 9,644—Hartford							
Connecticut State Prison Hospital	Inst	State	55	18	..	....	256
Woodmont, 748—New Haven							
Woodmont Hall	Conv	Indiv	12	8	..	....	48

DELAWARE

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Dover, 5,517—Kent							
Kent General Hospital♠	Gen	NPAssn	50	32	10	189	1,274
Farnhurst, 250—New Castle							
Delaware State Hospital♠♣◇	Ment	State	1,247	1,189	..	....	344
Fort Dupont (Delaware City P.O.), —New Castle							
Station Hospital	Gen	Army	46	8	..	....	367
Lewes, 2,246—Sussex							
Beebe Hospital♠	Gen	NPAssn	100	35	9	110	1,193
Marshallton, 1,500—New Castle							
Brandywine Sanatorium	TB	State	160	138	..	....	109
Edgewood Sanatorium	TB	State	40	35	..	....	46
Middletown, 1,529—New Castle							
Maternity Home	Mat	Indiv	20	6	10	110	100
Milford, 4,214—Sussex							
Milford Memorial Hospital♠	Gen	NPAssn	100	52	18	245	1,889
Wilmington, 112,504—New Castle							
Alfred I. duPont Institute of The Nemours Foundation	Orth	NPAssn	85	....	..	Estab. 1940	
Delaware Hospital♠♣◇	Gen	NPAssn	213	144	25	505	4,548
Gross Private Hospital	Gen	Corp	15	7	6	62	235
Memorial Hospital♠♣◇	Gen	NPAssn	270	133	34	615	4,540
St. Francis Hospital♠♣◇	Gen	Church	104	55	31	319	1,816
Wilmington General Hospital♠♣◇	Gen	NPAssn	170	117	48	1,038	3,900
Related Institutions							
Marshallton, 1,500—New Castle							
Sunnybrook Cottage	TbChil	NPAssn	22	20	..	....	32
Smyrna, 1,870—Kent							
Delaware State Welfare Home	InstGen	StateCo	111	76	4	50	1,072
Stockley, 138—Sussex							
Delaware Colony	MeDe	State	500	423	..	4	67

Key to symbols and abbreviations is on page 1063

DISTRICT OF COLUMBIA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Washington, 663,091							
Central Dispensary and Emergency Hospital♦♣▲	Gen	NPAssn	280	234	..	....	6,772
Children's Hospital♦♣▲	Chil	NPAssn	200	142	..	....	6,385
Columbia Hosp. for Women and Lying-In Asylum♦▲	GynMat	NPAssn	127	104	83	2,269	3,771
Doctors Hospital♦▲	Gen	Corp	250	....	65	Estab. 1940	
Eastern Dispensary and Casualty Hospital	Gen	NPAssn	147	83	12	21	2,848
Episcopal Eye, Ear and Throat Hospital♦▲	ENT	Church	105	71	..	....	6,230
Freedmen's Hospital♦♣▲	Gen	USPHS	402	288	48	1,271	5,428
Gallinger Municipal Hospital♦♣▲	Gen	City	1,392	903	54	1,929	15,881
Garfield Memorial Hospital♦♣▲	Gen	NPAssn	335	310	98	2,028	10,834
Georgetown University Hospital♦♣▲	Gen	NPAssn	217	193	51	1,322	5,919
George Washington University Hospital♦♣▲	Gen	NPAssn	92	71	22	545	2,629
Glenn Dale Sanatorium, National Homeopathic Hospital▲	See Tuberculosis Sanatorium						
Providence Hospital♦♣▲	Gen	NPAssn	60	45	18	284	1,400
St. Elizabeths Hospital	Gen	Church	265	240	35	1,321	7,920
	Gen	USPHS	454	422	2	2	2,201
	Ment	USPHS	7,017	6,524	..	....	1,256
Sibley Memorial Hosp.♦♣▲	Gen	Church	245	222	100	2,115	8,686
Tuberculosis Sanatorium♦▲ (Glenn Dale Sanatorium, Glenn Dale Md. P.O.)	TB	City	670	658	..	....	571
U. S. Naval Hospital♦▲	Gen	Navy	205	186	..	....	2,177
Veterans Admin. Facility♦▲	Gen	Vet	327	313	..	....	4,983
Walter Reed General Hospital♦♣▲	Gen	Army	1,400	1,055	21	170	8,467
Washington Sanitarium and Hospital♦♣▲	Gen	Church	188	138	22	406	3,455
Related Institutions							
Washington, 663,091							
District of Columbia Reformatory Hospital (Lorton, Va. P.O.)	Inst	City,	127	74	..	....	3,018
Dist. Training School (Laurel, Md. P.O.)	MeDe	City	620	588	..	....	65
Florence Crittenton Home. Mat Home for the Aged and Infirm	Mat	NPAssn	84	48	60	88	112
	Inst	City	130	130	..	....	230
Kendall House Sanitarium	Conv	Indiv	22	10	..	....	50
National Training School for Boys Hospital	Inst	Fed	30	....No data supplied			
U. S. Soldiers' Home Hosp.♣	Institu	Fed	466	284	..	....	1,710
Washington Home for Incurables	Incur	NPAssn	180	170	..	....	94

FLORIDA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Arcadia, 4,055—De Soto							
Arcadia General Hospital	Gen	Corp	25	....No data supplied			
Bartow, 6,158—Polk							
Bartow General Hospital	Gen	City	16	....	4	....	....
Polk County Hospital	Gen	County	60	57	4	23	1,031
Bay Pines, —Pinellas							
Veterans Admin. Facility▲	Gen	Vet	444	411	..	....	3,283
Bradenton, 7,441—Manatee							
Bradenton General Hospital	Gen	Part	18	7	7	63	340
Century, 1,250—Escambia							
Tenerville Hospital▲	Gen	NPAssn	40	10	4	29	569
Chattahoochee, 450—Gadsden							
Florida State Hospital♣	Ment	State	4,851	4,563	..	....	1,081
Clearwater, 16,136—Pinellas							
Morton F. Plant Hospital▲	Gen	NPAssn	50	22	10	110	1,937
Coral Gables, 8,294—Dade							
University Hospital	Gen	Corp	35	22	16	172	1,150
Dade City, 2,561—Pasco							
Jackson Memorial Hospital	Gen	County	20	5	3	19	256
Daytona Beach, 22,384—Volusia							
Halifax District Hospital▲	Gen	NPAssn	145	66	35	253	2,160
De Funiak Springs, 2,570—Walton							
Lakeside Clinic	Gen	Indiv	10	5	7	120	230
De Land, 7,041—Volusia							
De Land Memorial Hospital	Gen	NPAssn	22	5	8	37	408
Dunedin, 1,758—Pinellas							
Mease Hospital	Gen	NPAssn	24	10	4	55	405
Eustis, 2,930—Lake							
Lake County Medical Center	Gen	NPAssn	63	25	7	135	1,104
Fort Barrancas, 150—Escambia							
Station Hospital	Gen	Army	90	64	..	....	1,752
Fort Lauderdale, 17,996—Broward							
Broward General Hospital	Gen	City	42	27	6	266	1,464
Fort Myers, 10,694—Lee							
Lee Memorial Hospital	Gen	NPAssn	24	14	4	148	1,013
Fort Pierce, 8,040—St. Lucie							
Fort Pierce Memorial Hosp.	Gen	NPAssn	34	16	6	90	678
Gainesville, 13,757—Alachua							
Alachua County Hospital▲	Gen	County	65	39	10	252	1,683

FLORIDA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Hollywood, 6,239—Broward							
Hollywood Hospital	Gen	Corp	36	13	6	105	764
Jacksonville, 173,065—Duval							
Brewster Hospital♣	Gen	Church	72	76	10	231	1,145
Duval County Hospital♦♣▲	Gen	County	225	177	15	755	4,280
Hazelhurst Sanatorium	TB	NPAssn	21	14	..	....	22
Negro Tuberculosis Hospital	TB	CyCo	50	50	..	....	50
Dr. Randolph's Sanitarium.	N&M	Indiv	10	5	..	....	18
Riverside Hospital♦♣▲	Gen	NPAssn	50	31	6	64	1,567
St. Luke's Hospital♦♣▲	Gen	NPAssn	176	118	24	905	4,773
St. Vincent's Hospital♦♣▲	Gen	Church	200	179	40	802	6,050
Key West, 12,927—Monroe							
U. S. Marine Hospital▲	Gen	USPHS	65	48	..	1	902
Kissimmee, 3,225—Osceola							
Osceola Hospital	Gen	Indiv	40	16	5	48	1,059
Lake City, 5,836—Columbia							
Lake Shore Hospital	Gen	NPAssn	17	10	8	82	415
Veterans Admin. Facility▲	Gen	Vet	333	314	..	....	2,522
Lakeland, 22,068—Polk							
Morrell Memorial Hospital	Gen	City	100	42	12	230	1,778
Lake Wales, 5,024—Polk							
Lake Wales Hospital	Gen	NPAssn	25	6	7	39	249
Leesburg, 4,087—Lake							
Theresa Hollard Hospital	Gen	Indiv	30	16	6	72	822
Manatee, 3,395—Manatee							
Manatee County Hospital	GenTb	County	65	30	7	119	626
Riverside Hospital	Gen	Indiv	20	10	3	27	463
Marianna, 5,659—Jackson							
Doctor's Hospital	Gen	Part	14	5	1	6	475
Melbourne, 2,622—Brevard							
Brevard Hospital	Gen	City	25	10	5	53	374
Miami, 172,172—Dade							
Dade County Hospital▲	GenTb	County	181	119	20	417	3,682
James M. Jackson Memorial Hospital♦♣▲	Gen	City	450	373	30	1,467	14,331
Miami Retreat	N&M	Indiv	90	45	..	....	453
Miami Riverside Hospital	Gen	Indiv	50	....No data supplied			
Sun-Ray Park Health Resort	N&M	Corp	75	19	..	....	244
Victoria Hospital	Gen	Indiv	75	54	22	449	2,061
Miami Beach, 28,012—Dade							
Miami Beach Hospital	Gen	Corp	50	18	6	5	804
St. Francis Hospital▲	Gen	Church	175	70	18	192	2,552
Miami Springs, 808—Dade							
Miami-Battle Creek Sanit.	Gen	NPAssn	105	27	..	....	417
Ocala, 8,966—Marion							
Munroe Memorial Hosp.♣	Gen	CyCo	85	30	10	165	1,513
Orlando, 36,736—Orange							
Florida Sanitarium and Hospital	Gen	Church	100	65	12	156	1,956
Florida State Sanatorium.	TB	State	392	286	..	....	333
Orange General Hospital♦▲	Gen	NPAssn	175	160	21	340	3,478
Panama City, 11,616—Bay							
Liberty Hospital	Gen	Indiv	20	7	3	62	398
Panama City Hospital	Gen	NPAssn	13	4	5	77	341
Pensacola, 37,449—Escambia							
Escambia County Tuberculosis Sanatorium	TB	CyCo	40	34	..	....	66
Pensacola Hospital♣	Gen	Church	144	87	23	561	5,894
U. S. Naval Hospital▲	Gen	Navy	142	95	..	....	1,252
Quincy, 3,888—Gadsden							
Gadsden County Hospital	Gen	NPAssn	35	13	4	43	608
St. Augustine, 12,090—St. Johns							
East Coast Hospital▲	Gen	NPAssn	55	....No data supplied			
Flagler Hospital▲	Gen	NPAssn	66	24	5	117	888
St. Petersburg, 60,812—Pinellas							
Mercy Hospital	Gen	City	46	22	4	11	651
Mound Park Hospital♣▲	Gen	City	192	160	16	378	5,924
St. Anthony's Hospital▲	Gen	Church	75	41	15	146	1,670
Sanford, 10,217—Seminole							
Fernald-Laughton Memorial Hospital	Gen	NPAssn	22	10	6	101	601
Sarasota, 11,141—Sarasota							
Joseph Halton Hospital	Gen	Indiv	20	18	5	24	600
Sarasota Hospital	Gen	City	52	24	9	146	1,283
Sebring, 3,155—Highlands							
Sebring General Hospital	Gen	Indiv	23	8	7	20	340
Dr. Weems' Hospital	Gen	Indiv	16	6	3	88	517
Stuart, 2,438—Martin							
Martin County Hospital	Gen	NPAssn	25	9	8	32	383
Tallahassee, 16,240—Leon							
Johnston's Sanitarium	Gen	Indiv	31	....No data supplied			
Tampa, 108,391—Hillsborough							
Centro Asturiano Hospital	Gen	NPAssn	70	50	4	132	511
Clara Frye Tampa Municipal Negro Hospital▲	Gen	City	72	31	8	121	1,640
Dr. H. M. Cook's Hospital	Gen	Indiv	32	18	8	133	1,223
Hillsboro County Home and Hospital	InstGen	County	230	210	6	395	1,980
St. Joseph's Hospital▲	Gen	Church	63	39	15	229	1,782
Tampa Municipal Hosp.♣	Gen	City	280	150	29	777	7,165
Umatilla, 1,149—Lake							
Harry-Anna Crippled Children's Home	Orth	NPAssn	75	39	..	....	97
West Palm Beach, 33,503—Palm Beach							
Good Samaritan Hospital♣▲	Gen	NPAssn	117	77	15	399	3,674
Pine Ridge Hospital	Gen	NPAssn	27	....No data supplied			
Winter Haven, 6,199—Polk							
Winter Haven Hospital	Gen	NPAssn	30	11	5	89	511
Related Institutions							
Daytona Beach, 22,384—Volusia							
Daytona Beach Sanitarium.	Gen	Indiv	10	4	2	11	118
Fort Lauderdale, 17,996—Broward							
Provident Hospital	Gen	NPAssn	15	8	4	29	276

Key to symbols and abbreviations is on page 1083

FLORIDA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Gainesville, 13,757—Alachua							
Florida Farm Colony	MeDe	State	575	559	..	...	30
University of Florida Infirmary▲	Inst	State	45	8	..	...	937
Jacksonville, 173,065—Duval							
Dr. Miller's Sanitarium	Drug	Indiv	20	4	..	...	146
Largo, 1,031—Pinellas							
Pinellas County Home	InstTb	County	110	99	..	...	110
Leesburg, 4,687—Lake							
Community Hospital	Gen	Indiv	10	5	3	22	147
Miami, 172,172—Dade							
Christian Hospital	Gen	NPAssn	40	8	6	134	449
Edgewater Hospital	Gen	Part	28	5	8	92	381
Orange Park, 668—Clay							
Moosehaven Hospital	Inst	NPAssn	25	16	..	...	74
Palatka, 7,140—Putnam							
Glendale Hospital	Gen	Indiv	20	7	4	51	551
Mary Lawson Sanatorium	Gen	Indiv	50	6	6	32	297
Raiford, 472—Union							
Florida State Farm Hosp.	Inst	State	60	22	..	...	1,476
St. Petersburg, 60,812—Pinellas							
American Legion Hospital for Crippled Children	Orth	NPAssn	35	21	..	...	223
Earle Restorium	Conv	Indiv	40	13	..	...	138
Florence Crittenton Home	Mat	NPAssn	23	18	18	22	37
Tallahassee, 16,240—Leon							
Florida Agricultural and Mechanical College Hosp.◇	InstGen	State	43	20	2	18	704
Tampa, 108,391—Hillsborough							
Hillsboro County Tuberculosis Sanatorium	TB	County	80	...No data supplied			
Vero Beach, 3,050—Indian River							
Indian River Hospital	Gen	Indiv	21	6	5	45	337
West Palm Beach, 33,693—Palm Beach							
Palm Beach County Tuberculosis Sanat. for Negroes	TB	NPAssn	12	10	..	...	96

GEORGIA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Albany, 19,055—Dougherty							
Phoebe Putney Memorial Hospital▲	Gen	NPAssn	52	33	14	198	2,931
Alto, 217—Habersham							
State Tuberculosis Sanat.▲	TB	State	395	284	..	...	613
Americus, 9,281—Sumter							
Americus and Sumter County Hospital	Gen	NPAssn	35	19	5	63	600
Athens, 20,650—Clarke							
Athens General Hospital▲	Gen	County	78	40	10	94	1,692
St. Mary's Hospital▲	Gen	Church	50	30	10	168	1,137
Atlanta, 302,288—Fulton							
Albert Steiner Clinic for Cancer and Allied Diseases♦▲	Cancer	City	34	23	..	...	577
Battle Hill Sanatorium	TB	City	256	237	..	...	195
Blackman Sanatorium	Gen	Indiv	25	14	..	...	280
Crawford W. Long Memorial Hospital●▲◇	Gen	NPAssn	150	146	38	1,147	6,443
Georgia Baptist Hospital●▲◇	Gen	Church	154	159	30	742	6,468
Grady Hospital●♦▲◇	Gen	City	656	502	76	3,864	21,077
Grady Hospital, Emory University Division	Unit of Grady Hospital						
Henrietta Egleston Hospital for Children♦▲◇	Chil	NPAssn	44	33	..	...	1,245
Piedmont Hospital●♦▲◇	Gen	NPAssn	132	103	15	410	4,003
Ponce de Leon Eye, Ear and Throat Infirmary	ENT	Indiv	29	8	..	...	751
St. Joseph Infirmary●♦▲◇	Gen	Church	140	124	20	569	4,528
Veterans Admin. Facility▲	Gen	Vet	312	263	..	...	3,309
Augusta, 65,919—Richmond							
University Hospital●♦▲◇	Gen	City	300	209	45	777	8,057
Veterans Admin. Facility▲	Ment	Vet	1,061	1,075	..	...	692
Wilhenford Hosp. for Women and Children▲	Gen	NPAssn	46	14	4	64	817
Bainbridge, 6,352—Decatur							
Bainbridge Hospital	Surg	Indiv	32	17	3	41	482
Riverside Hospital	Gen	Part	25	18	6	100	492
Brunswick, 15,035—Glynn							
Brunswick City Hospital	Gen	CyCo	56	30	10	207	1,155
Butler, 1,093—Taylor							
Montgomery Hospital	Gen	Indiv	14	4	2	30	243
Cairo, 4,653—Grady							
Cairo Hospital	Gen	Indiv	25	9	4	107	519
Canton, 2,651—Cherokee							
Cokers' Hospital	Gen	Corp	35	19	3	46	1,455
Cedartown, 9,025—Polk							
Hall-Chaudron Hospital	Gen	Indiv	8	3	2	24	126
Columbus, 53,280—Muscogee							
Columbus City Hospital●▲◇	Gen	City	201	105	36	680	4,408
Cuthbert, 3,447—Randolph							
Patterson Hospital▲	Gen	Indiv	30	13	3	32	628
Dalton, 10,448—Whitfield							
Hamilton Memorial Hospital	Gen	NPAssn	36	12	5	221	900
Decatur, 16,561—De Kalb							
Scottish Rite Hospital for Crippled Children▲	Orth	NPAssn	60	59	..	...	331
Donalsonville, 1,718—Seminole							
Donalsonville Hospital	Gen	Part	30	11	8	114	315

GEORGIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Douglas, 5,175—Coffee							
Douglas Hospital	Gen	City	32	10	3	74	665
Dublin, 7,814—Laurens							
Claxton Sanitarium	Gen	Corp	55	29	5	109	1,445
Coleman Hospital	Gen	Indiv	40	22	4	72	992
Hicks Hospital	Gen	Indiv	20	9	2	8	488
Thompson Sanatorium	Gen	Indiv	14	7	1	22	376
Eastman, 3,311—Dodge							
Clinic Hospital	Gen	Indiv	12	4	3	19	282
Coleman Sanatorium▲	Gen	Indiv	39	8	4	15	504
Elberton, 6,188—Elbert							
Elbert County Hospital	Gen	CyCo	10	3	3	52	333
Thompson-Johnson Hosp.	Gen	Part	10	2	2	80	411
Emory University, —De Kalb							
Emory University Hospital●♦▲◇	Gen	NPAssn	232	176	37	772	6,495
Fort Benning, —Chattahoochee							
Station Hospital▲	Gen	Army	364	426	15	191	12,855
Fort McPherson (Atlanta P.O.), —Fulton							
Station Hospital▲	Gen	Army	247	140	4	31	3,901
Fort Oglethorpe, 1,186—Catoosa							
Station Hospital▲	Gen	Army	271	164	5	25	2,100
Fort Screven, —Chatham							
Station Hospital	Gen	Army	50	...No data supplied			
Gainesville, 10,243—Hall							
Downey Hospital▲	Gen	Corp	52	27	6	106	1,472
Hall County Memorial Hospital	Gen	County	30	13	4	28	609
Griffin, 13,222—Spalding							
R. F. Strickland and Son Memorial Hospital▲	Gen	Indiv	45	24	5	105	1,176
Hawkinsville, 3,000—Pulaski							
R. J. Taylor Memorial Hosp.	Gen	NPAssn	48	10	5	40	410
Homerville, 1,522—Clinch							
Huey Hospital	Gen	Indiv	12	7	1	25	815
Hoschton, 364—Jackson							
Allen Clinic and Hospital	Gen	Part	17	7	2	39	334
Jasper, 576—Pickens							
Roper Hospital	Gen	Indiv	10	...	3	Estab. 1940	
Jesup, 2,903—Wayne							
Drs. Colvin-Ritch Hospital	Gen	Part	27	14	5	133	733
La Grange, 21,983—Troup							
City-County Hospital▲	Gen	CyCo	62	35	6	145	1,493
Macon, 57,865—Bibb							
Clinic Hospital	Gen	Corp	26	13	4	59	965
Macon Hospital●▲◇	Gen	CyCo	207	173	21	614	5,469
Middle Georgia Hospital▲◇	Gen	Corp	48	32	12	251	1,095
Oglethorpe Private Infirmary▲◇	Gen	Corp	40	20	3	81	991
St. Luke Hospital	Gen	Indiv	20	2	2	19	210
Marietta, 8,667—Cobb							
Marietta Hospital	Gen	NPAssn	30	12	5	101	619
Metter, 1,823—Candler							
Kennedy Memorial Hospital	Gen	Part	16	10	3	33	502
Milledgeville, 6,778—Baldwin							
Allen's Invalid Home	N&M	Indiv	150	104	..	...	306
Baldwin Memorial Hospital▲	Gen	Indiv	70	31	15	103	1,327
Milledgeville State Hosp.◇	Ment	State	6,885	7,132	..	...	1,463
Scott Hospital	Gen	Indiv	25	19	4	16	354
Millen, 2,820—Jenkins							
Millen Hospital▲	Gen	Indiv	20	9	4	22	494
Mulkey Hospital	Gen	Indiv	21	9	5	44	601
Monroe, 4,168—Walton							
Walton County Hospital	Gen	CyCo	17	2	4	33	154
Montezuma, 2,346—Macon							
Macon County Clinic	Gen	Part	20	7	3	40	400
Moultrie, 10,147—Colquitt							
Vereen Memorial Hospital	Gen	NPAssn	46	12	6	81	845
Nashville, 2,449—Berrien							
Turner Hospital	Gen	Indiv	10	3	2	78	218
Ocilla, 2,124—Irwin							
Ocilla Hospital	Gen	Part	20	8	4	56	554
Quitman, 4,450—Brooks							
Brooks County Hospital	Gen	CyCo	32	10	4	70	610
Reidsville, 805—Tattnall							
Jelks Hospital	Gen	Indiv	13	8	2	23	467
Rome, 26,282—Floyd							
Harbin Hospital▲	Gen	Part	60	34	10	210	2,532
McCall Hospital▲	Gen	Part	73	41	10	365	3,214
Royston, 1,549—Franklin							
Brown's Hospital	Gen	Indiv	20	12	2	...	...
Sandersville, 3,566—Washington							
Rawlings Sanitarium	Gen	NPAssn	68	27	7	84	1,136
Savannah, 95,996—Chatham							
Central of Georgia Railway Hospital▲	Indus	NPAssn	68	47	..	...	2,064
Charity Hospital	Gen	NPAssn	43	40	12	207	2,063
Georgia Infirmary	Gen	NPAssn	60	60	8	257	1,998
Oglethorpe Sanatorium	Gen	Indiv	50	35	8	120	1,441
St. Joseph Hospital▲◇	Gen	Church	100	50	15	257	1,952
Telfair Hospital	Gen	NPAssn	65	65	20	540	2,647
U. S. Marine Hospital▲	Gen	USPHS	150	157	..	...	1,461
Warren A. Candler Hosp.▲	Gen	Church	86	60	14	247	2,206
Smyrna, 1,440—Cobb							
Dr. Brawner's Sanitarium	N&M	Indiv	40	32	..	...	361
Statesboro, 5,028—Bulloch							
Bulloch County Hospital	Gen	County	40	10	6	44	644
Van Buren's Sanitarium	Gen	Indiv	25	6	5	10	40
Swainsboro, 3,575—Emanuel							
Franklin Hospital	Gen	Indiv	20	6	2	30	338
Tate, 1,548—Pickens							
Robinson Hospital	Gen	Indiv	12	6	2	27	320
Thomasville, 12,683—Thomas							
John D. Archbold Memorial Hospital▲	Gen	NPAssn	110	53	12	168	2,398

Key to symbols and abbreviations is on page 1083

GEORGIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Tifton, 5,228—Tift							
Tift County Hospital	Gen	County	50	...	7	Estab. 1940	
Toccoa, 5,494—Stephens							
Stephens County Hospital	Gen	County	30	10	3	120	1,009
Trion, 3,868—Chattooga							
Riegel Hospital	Gen	Indiv	40	19	5	421	1,300
Valdosta, 15,595—Lowndes							
Frank Bird Hospital	Gen	Indiv	22	6	3	21	342
Little-Griffin-Owens-Saunders Private Hospital	Gen	Corp	54	17	5	210	2,189
Vidalia, 4,109—Toombs							
Bethany Home Hospital	Gen	Church	32	31	..	...	97
Warm Springs, 958—Meriwether							
Georgia Warm Springs Foundation△	Orth	NPAssn	113	81	..	...	312
Washington, 3,507—Wilkes							
Washington General Hosp.	Gen	City	30	17	6	137	1,086
Waycross, 16,761—Ware							
Atlantic Coast Line Hosp.△	Indus	NPAssn	75	31	..	...	1,110
Ware County Hospital△	Gen	County	67	46	8	169	2,195
West Point, 3,201—Troup							
Valley Hospital	Gen	NPAssn	25	10	4	111	614
Related Institutions							
Atlanta, 302,288—Fulton							
Doville's Infirmary	Gen	Indiv	15	5	2	8	155
Florence Crittenton Home	Mat	NPAssn	26	22	12	51	51
Georgia Sanitarium	Gen	Indiv	5	1	2	8	67
Joseph B. Whitehead Memorial Hospital	Inst	State	26	1	..	...	465
Our Lady of Perpetual Help Free Cancer Home	Cancer	Church	80	31	..	...	134
Social Disease Hospital	Ven	City	60	28	..	...	547
U. S. Penitentiary Hospital△	Inst	Fed	140	74	..	...	2,737
William A. Harris Memorial Hospital	Gen	Indiv	36	23	2	16	667
Barwick, 400—Brooks							
Sanchez Private Sanitarium	Gen	Indiv	14	3	2	15	400
Cedartown, 9,025—Polk							
Cedartown Hospital	Gen	Indiv	12	6	4	55	245
Whitely Hospital	Gen	Indiv	10	2	3	27	155
Columbus, 53,280—Muscogee							
Muscogee County Tuberculosis Sanatorium	TB	County	48	19	..	...	54
Cordele, 7,925—Crisp							
Gillespie Hospital	Gen	Church	25	8	4	15	237
Gracewood, 500—Richmond							
Georgia Training School for Mental Defectives	MeDe	State	322	312	..	...	34
Lyons, 1,966—Toombs							
Aiken Hospital	Gen	Indiv	8	...	2	Estab. 1940	
Moultrie, 10,147—Colquitt							
Daniel Emergency Sanit.	Gen	Indiv	16	1	2	40	339
Summerville, 1,258—Chattooga							
Summerville Trion Hospital	Gen	Corp	14	7	3	42	406

IDAHO

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
American Falls, 1,439—Power							
Schiltz Memorial Hospital	Gen	County	21	16	8	126	838
Boise, 26,126—Ada							
St. Alphonsus Hospital△	Gen	Church	139	119	20	320	3,010
St. Luke's Hospital△	Gen	Church	115	91	18	511	4,876
Veterans Admin. Facility△	Gen	Vet	203	141	..	...	1,209
Bonners Ferry, 1,345—Boundary							
Bonners Ferry Hospital	Gen	Corp	25	9	8	98	719
Burley, 5,228—Cassia							
Cottage Hospital	Gen	Corp	16	14	4	60	580
Caldwell, 7,753—Canyon							
Caldwell Sanitarium	Gen	Part	30	9	6	109	451
Coeur d'Alene, 10,049—Kootenai							
Coeur d'Alene Hospital	Gen	NPAssn	25	15	1	3	61
Cottonwood, 673—Idaho							
Our Lady of Consolation Hospital	Gen	Church	28	19	4	65	477
Fort Hall, 100—Bingham							
Fort Hall Indian Agency Hospital	Gen	IA	15	11	4	39	334
Gooding, 2,548—Gooding							
Gooding County Hospital	Gen	NPAssn	16	7	8	120	559
Hailey, 1,447—Blaine							
Hailey Clinical Hospital	Gen	Indiv	18	11	6	58	441
Idaho Falls, 15,024—Bonneville							
Idaho Falls Latter-Day Saints' Hospital△	Gen	Church	100	85	39	714	3,856
Kellogg, 4,225—Shoshone							
Wardner Hospital	Gen	Part	35	20	7	139	1,486
Lapwai, 436—Nez Perce							
Ft. Lapwai Sanatorium△	TB	IA	145	117	..	...	212
Lewiston, 10,548—Nez Perce							
St. Joseph's Hospital△	Gen	Church	90	71	18	297	1,939
White Hospital	Gen	NPAssn	25	13	4	44	374
Malad City, 2,731—Oneida							
Oneida Hospital	Gen	County	17	9	7	98	465
Nampa, 12,149—Canyon							
Mercy Hospital△	Gen	Church	65	32	15	235	1,653
Nazarene Missionary Sanit. and Institute (Samaritan Hospital Division)△	Gen	Church	50	20	6	88	776

IDAHO—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Orofino, 1,602—Clearwater							
Orofino Hospital	Gen	Part	38	22	4	50	599
Pocatello, 18,133—Bannock							
Pocatello General Hosp.△	Gen	County	65	50	15	309	1,951
St. Anthony Mercy Hosp.△	Gen	Church	50	31	15	344	1,481
Potlatch, 805—Latah							
Potlatch Hospital	Gen	Part	21	7	3	41	358
Preston, 4,236—Franklin							
General Memorial Hospital	Gen	Corp	17	10	10	158	395
Rexburg, 3,457—Madison							
Harlo B. Rigby Hospital	Gen	Indiv	14	6	6	70	510
Rupert, 5,367—Minidoka							
Rupert General Hospital	Gen	Indiv	12	6	2	39	346
St. Maries, 2,234—Benewah							
St. Maries Hospital	Gen	Part	25	10	3	31	321
Sandpoint, 4,356—Bonner							
Community Hospital	Gen	Corp	25	11	5	54	369
Graham Hospital	Gen	Indiv	12	7	4	50	330
Soda Springs, 1,087—Caribou							
Caribou County Hospital	Gen	County	36	...No data supplied			
Twin Falls, 11,851—Twin Falls							
Twin Falls County General Hospital	Gen	County	75	65	14	465	2,716
Wallace, 3,839—Shoshone							
Providence Hospital△	Gen	Church	50	28	10	300	1,170
Wallace Hospital	Gen	Part	40	16	5	48	784
Wendell, 1,001—Gooding							
St. Valentine's Hospital	Gen	Church	22	13	9	92	479
Related Institutions							
Blackfoot, 3,681—Bingham							
State Hospital, South	Ment	State	640	594	..	...	297
Boise, 26,130—Ada							
Salvation Army Women's Home and Hospital	Mat	Church	30	20	17	236	282
Coeur d'Alene, 10,049—Kootenai							
Community Hospital	Gen	Indiv	15	7	2	18	335
Moscow, 6,014—Latah							
University of Idaho Infirmary	Inst	State	30	12	..	...	1,007
Nampa, 12,149—Canyon							
State School and Colony	MeDe	State	550	550	..	...	48
Orofino, 1,602—Clearwater							
State Hospital, North	Ment	State	429	387	..	...	106
Priest River, 1,656—Bonner							
Priest River Hospital	Gen	Indiv	10	3	2	13	67

ILLINOIS

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Aledo, 2,203—Mercer							
Stites Hospital	Gen	Indiv	14	...	4	Estab. 1940	
Alton, 31,255—Madison							
Alton Memorial Hospital△	Gen	Church	81	75	19	487	3,046
Alton State Hospital	Ment	State	1,830	1,622	..	...	370
St. Anthony's Infirmary and Sanitarium	Gen	Church	90	60	..	...	997
St. Joseph's Hospital△	Gen	Church	117	70	18	374	3,809
Amboy, 1,986—Lee							
Amboy Public Hospital	Gen	NPAssn	20	10	5	70	365
Anna, 4,092—Union							
Anna State Hospital	Ment	State	2,356	2,156	..	...	780
Hale-Willard Memorial Hospital	Gen	City	16	8	4	35	304
Aurora, 47,170—Kane							
Copley Hospital△	Gen	NPAssn	100	86	20	481	3,364
Kane County Springbrook Sanitarium	TB	County	85	85	..	...	55
Mercyville Sanitarium	N&M	Church	150	135	..	...	360
St. Charles Hospital△	Gen	Church	120	90	30	465	2,864
St. Joseph Mercy Hospital△	Gen	Church	106	78	30	490	2,830
Batavia, 5,301—Kane							
Bellevue Place Sanitarium	N&M	Corp	40	30	..	...	2
Fox River Sanitarium	TB	NPAssn	85	53	..	...	109
Belleville, 28,055—St. Clair							
St. Elizabeth's Hospital	Gen	Church	102	77	16	506	2,966
Belvidere, 8,094—Boone							
Highland Hospital	Gen	NPAssn	29	16	10	125	718
St. Joseph's Hospital	Gen	Church	25	16	9	115	525
Benton, 7,272—Franklin							
Moore Hospital	Gen	Indiv	38	10	2	41	360
Berwyn, 48,451—Cook							
Berwyn Hospital	Gen	NPAssn	84	67	22	651	3,221
Bloomington, 32,868—McLean							
Mennonite Hospital	Gen	Church	68	62	15	333	2,684
St. Joseph's Hospital	Gen	Church	220	90	20	418	3,214
Blue Island, 16,658—Cook							
St. Francis Hospital	Gen	Church	85	54	15	579	2,460
Breese, 2,306—Clinton							
St. Joseph Hospital	Gen	Church	27	19	6	146	719
Bushnell, 2,906—McDonough							
Elmgrove Sanatorium	TB	County	36	29	..	...	47
Cairo, 14,407—Alexander							
St. Mary Infirmary△	Gen	Church	100	64	10	180	2,134
Canton, 11,577—Fulton							
Graham Hospital	Gen	NPAssn	60	38	14	317	1,925
Carbondale, 8,550—Jackson							
Holden Hospital	Gen	Church	50	28	8	125	1,100

Key to symbols and abbreviations is on page 1083

ILLINOIS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Carlinville, 4,965—Macoupin							
Macoupin Hospital	Gen	Indiv	26	16	6	94	888
Centralia, 16,345—Marion							
St. Mary's Hospital	Gen	Church	75	56	15	538	2,853
Champaign, 23,302—Champaign							
Burnham City Hospital	Gen	City	117	80	21	478	7,146
Charleston, 8,197—Coles							
Oakwood Hospital	Gen	Indiv	20	5	3	28	196
Chester, 5,110—Randolph							
Chester Hospital	Gen	NPAssn	12	...	3	Estab. 1940	
Chicago, 3,396,808—Cook							
Albert Merritt Billings Hosp.	Unit of University of Chicago Clinics						
Alexian Brothers Hosp.	Gen	Church	252	208	..	...	4,318
American Hospital	Gen	NPAssn	175	92	30	257	3,355
Augustana Hospital	Gen	Church	215	170	25	664	5,547
Belmont Community Hosp.	Gen	NPAssn	100	66	25	423	2,411
Bethany Home Hospital	Gen	Church	25	9	..	...	340
Bethany Sanitarium and Hospital	Gen	Church	47	29	16	226	1,227
Bobs Roberts Memorial Hospital for Children	Unit of University of Chicago Clinics						
Burrows Hospital	Gen	Indiv	40	9	6	40	309
Chicago Eye, Ear, Nose and Throat Hospital	ENT	Corp	45	11	..	...	756
Chicago Lying-in Hosp. of the University of Chicago	Unit of University of Chicago Clinics						
Chicago Memorial Hosp.	Gen	NPAssn	88	58	20	365	2,695
Chicago State Hospital	Ment	State	4,300	4,326	..	...	1,468
Children's Memorial Hospital	Chil	NPAssn	252	165	..	...	4,102
City of Chicago Municipal Tuberculosis Sanit	TB	City	1,219	1,188	..	...	1,788
Columbus Hospital	Gen	Church	152	91	20	451	3,749
Cook County Children's Hospital	Unit of Cook County Hospital						
Cook County Hospital	Gen	County	3,300	3,168	225	4,818	81,154
Cook County Psychopathic Hospital	Unit of Cook County Hospital						
Edgewater Hospital	Gen	NPAssn	115	106	30	580	4,171
Englewood Hospital	Gen	NPAssn	101	85	25	598	3,607
Evangelical Hospital	Gen	Church	180	171	60	1,536	7,257
Franklin Boulevard Hosp.	Gen	Corp	60	39	16	284	1,907
Garfield Park Community Hospital	Gen	NPAssn	150	88	32	645	4,407
Grant Hospital	Gen	NPAssn	218	156	46	1,011	6,572
Henrotin Hospital	Gen	NPAssn	100	71	20	782	2,839
Holy Cross Hospital	Gen	Church	120	96	37	932	4,883
Home for Destitute Crippled Children	Unit of University of Chicago Clinics						
Hospital of St. Anthony de Padua	Gen	Church	190	155	36	1,087	5,200
Illinois Central Hospital	Gen	NPAssn	250	160	40	695	4,939
Illinois Eye and Ear Infirmary	ENT	State	200	168	..	...	5,522
Illinois Masonic Hospital	Gen	NPAssn	150	107	35	755	4,410
Jackson Park Hospital	Gen	Corp	187	140	40	454	5,725
Kenner Hospital	Gen	NPAssn	40	11	6	68	600
La Rabida Jackson Park Sanitarium	CardChil	NPAssn	100	60	..	...	134
Lewis Memorial Maternity Hospital	Mat	Church	117	56	117	1,956	2,133
Loretto Hospital	Gen	Church	125	78	27	581	3,490
Lutheran Deaconess Home and Hospital	Gen	Church	176	139	42	916	5,112
Martha Washington Hosp.	Gen	NPAssn	75	28	15	229	1,346
Mercy Hospital-Loyola University Clinics	Gen	Church	275	205	36	675	6,594
Michael Reese Hospital	Gen	NPAssn	595	455	71	1,979	17,609
Misericordia Hospital and Home for Infants	Mat	Church	57	8	18	329	358
Mother Cabrini Memorial Hospital	Gen	Church	120	81	20	429	3,558
Mt. Sinai Hospital	Gen	NPAssn	180	143	40	895	6,157
Municipal Contagious Disease Hospital	Iso	City	428	221	..	...	3,584
Norwegian-American Hospital	Gen	NPAssn	147	96	35	705	4,506
Parkway Sanitarium	N&M	Corp	50	37	..	...	228
Passavant Memorial Hospital	Gen	NPAssn	190	153	35	450	5,257
Pinel Sanitarium	N&M	NPAssn	40	36	..	...	264
Presbyterian Hospital	Gen	Church	378	305	34	959	11,617
Provident Hospital	Gen	NPAssn	144	114	22	711	3,563
Ravenswood Hospital	Gen	NPAssn	155	122	50	1,062	5,353
Research and Educational Hospitals	Gen	State	433	359	34	473	5,475
St. Anne's Hospital	Gen	Church	240	188	60	1,548	7,015
St. Anthony de Padua Hosp.	See Hospital of St. Anthony de Padua						
St. Bernard's Hospital	Gen	Church	200	150	33	773	6,774
St. Elizabeth Hospital	Gen	Church	220	203	42	1,361	7,101
St. George's Hospital	Gen	Church	100	31	..	...	1,502
St. Joseph Hospital	Gen	Church	210	139	40	835	4,342
St. Luke's Hospital	Gen	NPAssn	467	353	55	995	12,138
St. Mary of Nazareth Hospital	Gen	Church	246	176	38	1,397	7,391
St. Vincent's Infant and Maternity Hospital	Mat	Church	200	157	12	247	967
Sarah Morris Hospital for Children	Unit of Michael Reese Hospital						
Shriners Hospital for Crippled Children	Orth	NPAssn	60	60	..	...	229
South Chicago Community Hospital	Gen	NPAssn	86	37	17	466	2,628
South End Hospital	Gen	Corp	101	77	28	514	3,236

ILLINOIS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
South Shore Hospital	Gen	Corp	125	47	25	465	2,428
Streeter Community Hosp.	Gen	NPAssn	15	8	..	...	300
Surgical Institute for Crippled Children	Unit of Research and Educational Hospital						
Swedish Covenant Hosp.	Gen	Church	171	123	46	1,150	5,045
U. S. Marine Hospital	Gen	USPHS	391	198	..	...	2,750
University Hospitals	Gen	NPAssn	100	77	21	292	5,578
University of Chicago Clinics	Gen	NPAssn	323	410	162	2,646	10,844
Walther Memorial Hosp.	Gen	Church	175	92	36	719	4,433
Washington Boulevard Hospital	Gen	NPAssn	100	57	8	137	1,594
Wesley Memorial Hosp.	Gen	Church	158	89	15	255	3,360
Women and Children's Hospital	Gen	NPAssn	100	61	25	511	2,764
Woodlawn Hospital	Gen	NPAssn	125	75	22	566	3,156
Chicago Heights, 22,463—Cook							
St. James Hospital	Gen	Church	100	60	20	379	2,231
Clinton, 6,351—De Witt							
Dr. John Warner Hospital	Gen	City	28	25	4	153	869
Compton, 360—Lee							
Compton Hospital	Gen	Indiv	8	1	1	6	37
Danville, 36,919—Vermilion							
Lake View Hospital	Gen	NPAssn	146	82	24	281	2,819
St. Elizabeth Hospital	Gen	Church	150	126	29	645	3,866
Veterans Admin. Facility	Ment	Vet	1,708	1,778	..	...	543
Decatur, 59,305—Macon							
Decatur and Macon County Hospitals	Gen	NPAssn	147	122	25	611	3,708
Macon County Tuberculosis Sanatorium	TB	County	90	64	..	...	108
St. Mary's Hospital	Gen	Church	180	167	25	610	5,013
Wabash Employes' Hosp.	Indus	NPAssn	75	43	..	...	1,219
De Kalb, 9,146—De Kalb							
De Kalb County Tuberculosis Sanatorium	TB	County	33	26	..	...	53
De Kalb Public Hospital	Gen	City	40	22	9	188	900
St. Mary's Hospital	Gen	Church	40	25	8	79	820
Des Plaines, 9,518—Cook							
Northwestern Hospital	Gen	NPAssn	14	10	5	48	676
Dixon, 10,671—Lee							
Dixon Public Hospital	Gen	NPAssn	60	47	16	367	1,437
Downey, —Lake							
Veterans Admin. Facility	Ment	Vet	1,475	1,392	..	...	582
Du Quoin, 7,515—Perry							
Marshall Browning Hospital	Gen	NPAssn	47	23	8	132	880
Dwight, 2,490—Livingston							
Veterans Admin. Facility	Gen	Vet	218	204	..	...	1,412
East Moline, 12,560—Rock Island							
East Moline State Hospital	Ment	State	2,905	2,132	..	...	872
East St. Louis, 75,039—St. Clair							
Christian Welfare Hosp.	Gen	NPAssn	55	51	10	402	2,451
St. Mary's Hospital	Gen	Church	240	140	36	758	4,781
Edwardsville, 8,008—Madison							
Madison County Sanat.	TB	County	90	81	..	...	138
Effingham, 6,180—Effingham							
St. Anthony's Hospital	Gen	Church	81	71	10	279	1,859
Elgin, 38,333—Kane							
Elgin State Hospital	Ment	State	4,923	4,884	..	...	1,745
Brethaven Sanitarium	N&M	Indiv	85	68	..	...	150
St. Joseph Hospital	Gen	Church	104	52	25	1258	1,987
Sherman Hospital	Gen	NPAssn	125	96	30	572	5,607
Elmhurst, 15,458—Du Page							
Elmhurst Community Hospitals	Gen	NPAssn	90	62	20	422	2,761
Evanston, 65,269—Cook							
Evanston Community Hosp.	Gen	NPAssn	25	14	4	29	345
Evanston Hospital	Gen	NPAssn	228	207	32	966	8,291
St. Francis Hospital	Gen	Church	262	141	50	1,013	6,263
Evergreen Park, 3,313—Cook							
Little Company of Mary Hospital	Gen	Church	175	140	60	1,487	6,199
Fort Sheridan, 2,000—Lake							
Station Hospital	Gen	Army	160	149	6	27	3,209
Freeport, 22,316—Stephenson							
Deaconess Hospital	Gen	Church	100	56	18	327	2,225
St. Francis Hospital	Gen	Church	97	60	16	274	2,525
Galesburg, 28,870—Knox							
Galesburg Cottage Hosp.	Gen	NPAssn	82	62	18	412	2,018
St. Mary's Hospital	Gen	Church	100	65	15	301	2,192
Geneseo, 3,934—Henry							
J. C. Hamman City Hosp.	Gen	City	20	11	8	153	547
Geneva, 4,101—Kane							
Community Hospital	Gen	NPAssn	65	43	20	252	1,538
Granite City, 22,974—Madison							
St. Elizabeth Hospital	Gen	Church	104	82	22	530	2,270
Great Lakes, —Lake							
U. S. Naval Hospital	Gen	Navy	280	145	..	...	3,502
Harrisburg, 11,455—Saline							
Harrisburg Hospital	Gen	Corp	39	10	1	19	249
Lightner Hospital	Gen	Indiv	35	14	5	64	885
Harvard, 3,121—McHenry							
Harvard Community Hosp.	Gen	Part	21	12	8	107	377
Harvey, 17,678—Cook							
Ingalls Memorial Hospital	Gen	NPAssn	95	34	25	453	1,943
Herrin, 9,258—Williamson							
Herrin Hospital	Gen	Indiv	50	38	7	106	1,170
Highland, 3,820—Madison							
St. Joseph's Hospital	Gen	Church	68	51	12	288	1,412
Highland Park, 14,476—Lake							
Highland Park Hospital	Gen	NPAssn	50	27	17	212	1,174
Hillsboro, 4,514—Montgomery							
Hillsboro Hospital	Gen	NPAssn	35	21	5	94	549
Hines, —Cook							
Veterans Admin. Facility	Gen	Vet	1,750	1,623	..	...	9,106

Key to symbols and abbreviations is on page 1083

ILLINOIS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Hinsdale, 7,336—Du Page							
Hinsdale Sanitarium and Hospital◇	Gen	Church	100	57	15	180	1,648
Jacksonville, 19,844—Morgan							
Jacksonville State Hospital	Ment	State	3,388	3,237	..	....	855
Morgan County Tuberculosis Sanatorium "Oaklawn"	TB	County	40	21	..	....	47
Norbury Sanatorium♣	N&M	Corp	125	79	..	....	138
Our Saviour's Hospital◇	Gen	Church	81	41	12	113	1,371
Passavant Memorial Hospital◇	Gen	Church	73	44	12	197	1,511
Joliet, 42,385—Will							
Illinois State Penitentiary Hospital	Inst	State	108	72	..	....	2,084
St. Joseph's Hospital♣◇	Gen	Church	220	172	44	932	5,446
Silver Cross Hospital◇	Gen	NPAssn	107	71	25	489	2,747
Will County Tuberculosis Sanatorium	TB	County	96	69	..	....	64
Kankakee, 22,241—Kankakee							
Kankakee State Hospital	Ment	State	4,500	4,190	..	....	1,426
St. Mary Hospital◇	Gen	Church	145	95	22	479	2,962
Kenilworth, 2,955—Cook							
Kenilworth Sanitarium	N&M	Indiv	50	28	..	....	147
Kewanee, 16,361—Henry							
Kewanee Public Hospital◇	Gen	NPAssn	54	37	12	308	1,303
St. Francis Hospital◇	Gen	Church	56	50	13	180	987
Lake Forest, 6,885—Lake							
Alice Home Hospital	Gen	NPAssn	45	14	9	64	696
La Salle, 12,812—La Salle							
St. Mary Hospital◇	Gen	Church	85	70	15	397	2,014
Libertyville, 3,950—Lake							
Cordell Memorial Hospital	Gen	NPAssn	25	15	6	103	584
Lincoln, 12,732—Logan							
Evangelical Deaconess Hospital◇	Gen	Church	52	36	8	186	1,153
St. Clara's Hospital	Gen	Church	60	40	7	99	1,249
Litchfield, 7,648—Montgomery							
St. Francis Hospital	Gen	Church	125	86	15	295	3,230
Mackinaw, 845—Tazewell							
Oak Knoll Sanatorium	TB	County	45	38	..	....	65
Macomb, 8,764—McDonough							
Phelps Hospital	Gen	NPAssn	45	29	6	113	830
St. Francis Hospital◇	Gen	Church	91	53	11	177	2,073
Manteno, 1,557—Kankakee							
Manteno State Hospital	Ment	State	5,810	5,716	..	....	1,404
Mattoon, 15,827—Coles							
Memorial Methodist Hosp.	Gen	Church	46	31	10	172	1,254
Melrose Park, 10,933—Cook							
Westlake Hospital♣	Gen	NPAssn	56	35	16	336	1,910
Mendota, 4,215—La Salle							
Harris Hospital	Gen	Part	15	5	4	81	517
Moline, 34,688—Rock Island							
Lutheran Hospital◇	Gen	Church	135	58	36	441	1,885
Moline Public Hospital♣◇	Gen	City	168	117	32	834	4,737
Monmouth, 9,016—Warren							
Monmouth Hospital	Gen	City	58	39	15	177	1,013
Morris, 6,144—Grundy							
Morris Hospital	Gen	NPAssn	40	25	14	249	856
Mowequa, 1,206—Shelby							
Mowequa Hospital	Gen	Indiv	26	12	8	50	167
Murphysboro, 8,976—Jackson							
St. Andrew's Hospital	Gen	Church	35	21	6	95	1,043
Naperville, 5,272—Du Page							
Edward Sanatorium♣	TB	NPAssn	98	83	..	....	251
Normal, 6,985—McLean							
Brokaw Hospital◇	Gen	Church	92	61	15	200	2,376
Parkview Sanatorium	TB	County	57	56	..	....	32
North Riverside (Riverside P.O.), 1,656—Cook							
Municipal Tuberculosis Sanitarium—North Riverside Division	TB	City	200	244	..	....	250
Oak Forest, 825—Cook							
Cook County Infirmary	GenChr	County	1,075	1,050	..	....	5,174
Cook County Tuberculosis Hospital	TB	County	604	476	..	....	390
Oak Park, 66,015—Cook							
Oak Park Hospital♣◇	Gen	Church	130	96	40	727	4,811
West Suburban Hospital♣◇	Gen	NPAssn	312	200	100	1,656	8,399
Olney, 7,821—Richland							
Olney Sanitarium◇	Gen	Corp	75	47	8	173	1,721
Oregon, 2,825—Ogle							
Warmolts Clinic	Gen	Indiv	10	5	3	13	133
Ottawa, 10,985—La Salle							
Highland	TB	County	54	54	..	....	78
Ottawa Tuberculosis Sanat.	TB	Corp	133	120	..	....	154
Ryburn Memorial Hosp.◇	Gen	City	88	52	20	408	2,566
Pana, 5,906—Christian							
Pana Memorial Hospital◇	Gen	Church	37	24	6	102	827
Paris, 9,281—Edgar							
Paris Hospital◇	Gen	NPAssn	70	33	6	84	1,023
Pekin, 19,407—Tazewell							
Pekin Public Hospital	Gen	NPAssn	75	46	14	380	1,850
Peoria, 105,087—Peoria							
John C. Proctor Hospital◇	Gen	NPAssn	107	74	18	379	2,436
Methodist Hospital of Central Illinois◇◇	Gen	Church	200	166	40	1,175	5,510
Michell Farm	N&M	Indiv	22	16	..	....	45
Peoria Municipal Tuberculosis Sanitarium◇♣	TB	City	166	99	..	....	170
Peoria Sanitarium	N&M	Indiv	22	19	..	....	63
Peoria State Hospital◇	Ment	State	2,816	2,658	..	....	940
St. Francis Hospital◇◇	Gen	Church	360	255	51	1,383	10,800
Peru, 8,985—La Salle							
Peoples Hospital◇	Gen	NPAssn	50	36	10	127	920

ILLINOIS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Pontiac, 9,585—Livingston							
Livingston County Sanat.	TB	County	44	33	..	....	49
St. James' Hospital	Gen	Church	40	19	12	205	731
Princeton, 5,224—Bureau							
Julia Rackley Perry Memorial Hospital	Gen	City	58	36	14	209	1,206
Quincy, 40,463—Adams							
Blessing Hospital◇	Gen	NPAssn	102	75	25	381	2,649
Hillcrest	TB	County	50	45	..	....	43
St. Mary Hospital♣◇	Gen	Church	190	125	25	501	4,177
Rantoul, 2,367—Champaign							
Station Hospital	Gen	Army	150	114	4	10	4,971
Red Bud, 1,302—Randolph							
St. Clement's Hospital	Gen	Church	14	12	4	32	324
Robinson, 4,231—Crawford							
Robinson Hospital	Gen	Part	18	5	5	44	241
Rockford, 84,637—Winnebago							
Elmlawn (Wilgus Sanit.)	N&M	Indiv	30	14	..	....	108
Rockford Hospital◇	Gen	NPAssn	84	49	18	221	2,143
Rockford Municipal Tuberculosis Sanatorium♣◇	TB	City	124	112	..	....	142
St. Anthony's Hospital♣◇	Gen	Church	225	145	34	853	5,000
Swedish-American Hosp.◇	Gen	NPAssn	75	69	15	393	2,524
Winnebago County Hospital	GenIso	County	72	47	6	40	1,050
Rock Island, 42,775—Rock Island							
Rock Island County Tuberculosis Sanatorium	TB	County	76	66	..	....	82
St. Anthony's Hospital♣◇	Gen	Church	150	85	30	458	2,320
Rosiclare, 1,774—Hardin							
Rosiclare Hospital	Gen	Indiv	15	7	2	33	259
Sidnville, 2,486—Schuyler							
Culbertson Hospital	Gen	Indiv	27	5	5	23	201
St. Charles, 5,870—Kane							
Delnor Hospital	Gen	NPAssn	32	....	9	Estab. 1940	
Savanna, 4,782—Carroll							
Savanna City Hospital	Gen	City	16	7	5	64	230
Shelbyville, 4,092—Shelby							
Shelby County Memorial Hospital	Gen	NPAssn	19	13	5	73	444
Sparta, 3,564—Randolph							
Sparta Community Hospital	Gen	Indiv	10	4	2	7	68
Springfield, 75,503—Sangamon							
Palmer Sanatorium	TB	Corp	75	64	..	....	117
St. John's Crippled Children's Home	Unit of St. John's Sanitarium						
St. John's Hospital◇	Gen	Church	650	427	45	1,111	12,713
St. John's Sanitarium	TBChr	Church	270	210	..	....	517
Springfield Hospital♣◇	Gen	NPAssn	100	109	15	475	3,754
Spring Valley, 5,010—Bureau							
St. Margaret's Hospital	Gen	Church	78	63	12	235	1,881
Stateville, —Will							
Illinois State Penitentiary Hospital	See Joliet						
Sterling, 11,263—Whiteside							
Home Hospital	Gen	NPAssn	25	10	6	21	316
Public Hospital◇	Gen	City	57	30	14	321	1,466
Streator, 14,930—La Salle							
St. Mary's Hospital	Gen	Church	110	80	15	469	3,112
Sublette, 282—Lee							
Angear Hospital	Gen	Indiv	8	2	3	40	....
Sycamore, 4,702—De Kalb							
Sycamore Municipal Hosp.	Gen	City	28	13	12	161	538
Taylorville, 8,213—Christian							
St. Vincent Hospital	Gen	Church	80	55	12	268	1,875
Tuscola, 2,828—Douglas							
Douglas County Jarman Hospital	Gen	County	37	25	9	151	963
Urbana, 14,616—Champaign							
Carle Memorial Hospital♣	Gen	Corp	46	33	12	138	1,490
Champaign County Hospital	Gen	County	55	30	8	123	979
Mercy Hospital◇	Gen	Church	70	44	9	241	1,782
The Outlook	TB	County	45	39	..	....	34
Vandalia, 5,388—Fayette							
Mark Greer Hospital	Gen	Indiv	29	24	8	161	913
Watseka, 5,744—Iroquois							
Iroquois Hospital	Gen	NPAssn	41	32	11	259	1,314
Waukegan, 34,241—Lake							
Lake County General Hosp.	Gen	County	90	56	15	161	1,285
Lake County Tuberculosis Sanatorium♣	TB	County	160	72	..	....	197
St. Therese's Hospital◇	Gen	Church	160	91	26	595	3,313
Victory Memorial Hospital♣	Gen	NPAssn	76	53	14	395	2,781
Winfield, 567—Du Page							
Winfield Sanatorium	TB	NPAssn	76	62	..	....	137
Zace Sanatorium	TB	NPAssn	50	35	..	....	70
Woodstock, 6,125—McHenry							
Woodstock Public Hospital.	Gen	NPAssn	41	18	12	180	902
Zeigler, 3,006—Franklin							
Zeigler Hospital	Gen	NPAssn	15	3	1	3	88

Related Institutions

Arrowsmith, 294—McLean							
I. M. Johnson Hospital	Gen	Indiv	10	1	2	5	43
Avon, 803—Fulton							
Saunders' Hospital	Gen	NPAssn	12	6	4	55	184
Belleville, 28,405—St. Clair							
St. Clair County Hospital and Home	Inst	County	100	86	2	18	536
Chicago, 3,396,808—Cook							
Beverly Hills Rest Home	Conv	Indiv	12	8	..	....	26
Chicago Home for Convalescent Women and Children	Conv	NPAssn	41	33	..	....	229
Chicago Home for Incurables	Incur	NPAssn	280	270	..	....	87
House of Correction Hosp.	Inst	City	75	17	..	....	1,062
Jones Nursing Home	Conv	Indiv	20	19	..	....	186

Key to symbols and abbreviations is on page 1083

ILLINOIS—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Long's Convalescent Home.	N&M	Indiv	24	16	..	...	70
Parkway Lodge Convalescent Home for Men and Women	Conv	FedCy	270	168	..	...	781
Salvation Army Booth Memorial Hospital	Mat	Church	21	14	12	235	261
Southside Sanitarium	Conv	Indiv	35	27	..	...	72
Washington and Jane Smith Home	InstGen	NPAssn	21	11	..	...	114
Danvers, 765—McLean							
Willow Bark Hospital	Alcoh	Corp	10	4	..	...	49
Decatur, 59,305—Macon							
City Public Hospital	Iso	City	26	8	..	...	113
Des Plaines, 9,518—Cook							
Forest Sanitarium	N&M	Indiv	12	10	..	...	42
Dixon, 10,671—Lee							
Dixon State Hospital	MeDe	State	4,522	4,005	5	20	664
Eldorado, 4,801—Saline							
Ferrell Hospital	Gen	Indiv	12	5	2	21	255
Evanston, 65,269—Cook							
Broadhurst Nursing Home	Conv	Part	18	...	..	Estab.	1940
Grove House for Convalescents	Conv	NPAssn	25	20	..	...	186
The Cradle	Chil	NPAssn	36	30	..	...	165
Virginia Hall Nursing Home	Conv	Part	30	25	..	...	30
Fairbury, 2,300—Livingston							
Fairbury Hospital	Gen	NPAssn	11	8	5	125	432
Geneva, 4,101—Kane							
State Training School for Girls	Inst	State	22	17	..	...	200
Godfrey, 150—Madison							
Beverly Farm	MeDe	Corp	72	68	..	...	10
Henry, 1,877—Marshall							
Drs. Cogreshall and Dysart Hospital	Gen	Part	6	3	4	25	136
Lincoln, 12,753—Logan							
Lincoln State School and Colony	MeDe	State	4,574	4,193	6	5	433
Matteson, 15,827—Cook							
Independent Order of Odd Fellows Old Folks Home Hospital	Inst	NPAssn	55	35	..	...	150
Menard, 22—Randolph							
Illinois Security Hospital	Ment	State	500	464	..	...	25
Metropolis, 6,287—Massac							
Fisher Hospital	Gen	Indiv	15	5	3	55	291
Minonk, 1,807—Woodford							
Woodford County Tuberculosis Sanatorium	TB	County	12	6	..	...	14
Mooseheart, 1,400—Kane							
Philadelphia Memorial Hospital	InstChil	NPAssn	65	56	..	...	1,702
Normal, 6,983—McLean							
Soldiers' and Sailors' Children's School Hospital	Inst	State	80	29	..	...	1,149
Paxton, 3,300—Ford							
Paxton Community Hosp.	Gen	NPAssn	18	10	4	85	461
Peoria, 105,087—Peoria							
Florence Crittenton Home	Mat	NPAssn	70	25	10	77	90
Pontiac, 9,385—Livingston							
Illinois State Penitentiary Hospital	Inst	State	130	42	..	...	1,388
Princeville, 996—Peoria							
Seven Oaks Rest Home and Hospital	Gen	Indiv	14	8	4	28	39
Quincy, 40,408—Adams							
Quincy Memorial Sanitarium	Conv	NPAssn	20	6	..	...	91
Rockford, 84,637—Winnebago							
Children's Convalescent Home and Cottage	Orth	NPAssn	25	15	..	...	85
St. Charles, 5,870—Kane							
Illinois State Training School for Boys	Inst	State	28	16	..	...	1,180
Urbana, 14,054—Champaign							
McKinley University Hosp.	Inst	State	135	32	..	...	2,597
Wedron, 392—La Salle							
St. Joseph's Health Resort	Conv	Church	72	46	..	...	949
West Chicago, 3,355—Du Page							
Country Home for Convalescent Crippled Children	Orth	NPAssn	120	69	..	...	300
Wheaton, 7,289—Du Page							
Mary E. Pogue School	MeDe	Indiv	50	46	..	...	9
Wheeling, 550—Cook							
Wheeling Hospital	Gen	Indiv	9	1	4	...	6
White Hall, 3,025—Greene							
White Hall Hospital	Gen	NPAssn	10	5	5	75	250
Winnetka, 12,430—Cook							
North Shore Health Resort	Conv	Corp	75	33	..	...	241

INDIANA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Anderson, 41,573—Madison							
St. John's Hickey Memorial Hospital♣◇	Gen	Church	131	107	15	491	3,172
Angola, 3,141—Steuben							
Cameron Hospitals	Gen	NPAssn	20	12	5	69	521
Argos, 1,190—Marshall							
Kelly Hospital	Gen	NPAssn	10	6	10	27	172

INDIANA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Auburn, 5,415—De Kalb							
Dr. Bonnell M. Souder Hospital	Gen	Indiv	20	6	12	88	266
Sanders General Hospital	Gen	Indiv	11	...	4	...	275
Batesville, 3,065—Ripley							
Margaret Mary Hospital	Gen	Church	40	18	10	139	778
Bedford, 12,514—Lawrence							
Dunn Memorial Hospital	Gen	NPAssn	30	17	5	130	959
Beech Grove, 3,997—Marion							
St. Francis' Hospital♣◇	Gen	Church	140	62	35	823	2,405
Bloomington, 20,870—Monroe							
Bloomington Hospital◇	Gen	NPAssn	36	25	8	144	917
Bluffton, 5,417—Wells							
Clinic Hospital	Gen	Corp	32	...	8	Estab.	1940
Wells County Hospital	Gen	County	24	15	6	156	550
Clinton, 7,092—Vermillion							
Vermillion County Hospital	Gen	County	37	27	6	173	1,122
Columbus, 11,738—Bartholomew							
Bartholomew County Hosp.	Gen	County	42	30	7	232	1,617
Connersville, 12,898—Fayette							
Fayette Memorial Hospital	Gen	NPAssn	40	25	10	178	874
Crawfordsville, 11,089—Montgomery							
Culver Hospital♣	Gen	County	57	53	12	291	1,908
Crown Point, 4,645—Lake							
James O. Monnett Hosp.♣	TB	County	281	219	..	...	190
Decatur, 5,861—Adams							
Adams County Memorial Hospital	Gen	County	31	...No data supplied			
East Chicago, 54,637—Lake							
St. Catherine's Hospital♣◇	Gen	Church	252	166	60	1,068	6,004
Elkhart, 33,434—Elkhart							
Elkhart General Hospital	Gen	NPAssn	75	45	10	445	2,318
Elwood, 10,913—Madison							
Mercy Hospital	Gen	Church	45	21	15	330	1,012
Evansville, 97,062—Vanderburgh							
Boehne Tuberculosis Hospital♣	TB	County	160	124	..	...	380
Evansville State Hospital	Ment	State	1,200	1,187	..	...	380
Protestant Deaconess Hospital◇	Gen	Church	165	133	21	673	5,606
St. Mary's Hospital◇	Gen	Church	150	101	30	450	4,005
U. S. Marine Hospital♣	Gen	USPHS	100	51	..	...	741
Welborn-Walker Hospital♣◇	Gen	Corp	111	75	15	124	2,939
Fort Benjamin Harrison, —Marion							
Station Hospital♣	Gen	Army	154	78	4	27	2,178
Fort Wayne, 118,410—Allen							
Irene Byron Sanatorium	TB	Counties	250	216	..	...	405
Lutheran Hospital♣◇	Gen	Church	165	112	25	676	3,725
Methodist Hospital◇	Gen	Church	87	52	22	257	1,658
St. Joseph Hospital♣◇	Gen	Church	248	182	52	824	4,995
Frankfort, 13,706—Clinton							
Clinton County Hospital	Gen	County	43	19	10	220	970
Garrett, 4,285—De Kalb							
Sacred Heart Hospital	Gen	Church	42	25	6	62	661
Gary, 111,719—Lake							
Lincoln Hospital	Gen	NPAssn	40	12	6	39	281
Methodist Hospital♣◇	Gen	Church	160	90	25	856	3,967
St. John Hospital	Gen	Indiv	17	3	..	40	292
St. Mary's Mercy♣◇	Gen	Church	211	154	49	1,556	6,446
Greencastle, 4,872—Putnam							
Putnam County Hospital	Gen	County	46	30	8	131	1,800
Greensburg, 6,945—Decatur							
Decatur County Memorial Hospital	Gen	County	23	17	10	103	646
Hammond, 70,184—Lake							
Mount Mercy Sanitarium	N&M	Church	32	22	..	...	170
St. Margaret Hospital♣◇	Gen	Church	215	161	59	1,497	5,981
Hartford City, 6,946—Blackford							
Blackford County Hospital	Gen	County	20	14	5	179	562
Huntington, 13,393—Huntington							
Huntington County Hosp.	Gen	County	30	19	10	158	697
Indianapolis, 386,972—Marion							
Central State Hospital♣	Ment	State	2,244	2,036	..	...	500
Emhardt Clinic Hospital	Gen	Part	11	8	..	...	284
Dr. W. B. Fletcher's Sanatorium (Neurosurgery)	N&M	Corp	50	36	..	...	160
Flower Mission Memorial Hospital	Unit of Indianapolis City Hospital						
Indianapolis City Hosp.♣◇	Gen	City	680	518	41	909	11,530
Indiana University Medical Center♣◇	Gen	State	566	464	38	957	9,550
James Whitcomb Riley Hospital for Children	Unit of Indiana University Medical Center						
Kiwanis Home	Unit of Indiana University Medical Center						
Methodist Hospital♣◇	Gen	Church	519	469	59	1,830	17,033
"Norways" Sterne Memorial Hospital	N&M	Corp	20	13	..	...	135
Robert W. Long Hospital	Unit of Indiana University Medical Center						
Rotary Convalescent Home	Unit of Indiana University Medical Center						
St. Vincent's Hospital♣◇	Gen	Church	285	201	48	1,230	7,192
Sunnyside Sanatorium	TB	County	260	260	..	...	180
Veterans Administration Facility♣	Gen	Vet	346	272	..	...	2,721
William H. Coleman Hospital for Women	Unit of Indiana University Medical Center						
Jeffersonville, 11,463—Clark							
Clark County Memorial Hospital♣	Gen	County	35	16	7	107	626
Kendallville, 5,431—Noble							
Lakeside Hospital	Gen	City	28	20	12	144	783
Kokomo, 32,795—Howard							
St. Joseph Memorial Hosp.◇	Gen	Church	85	48	15	377	2,201
LaFayette, 28,798—Tippecanoe							
LaFayette Home Hosp.♣◇	Gen	NPAssn	120	81	25	444	3,010
St. Elizabeth Hospital♣◇	Gen	Church	225	138	30	673	4,750
William Ross Sanatorium	TB	County	40	34	..	...	40

Key to symbols and abbreviations is on page 1083

INDIANA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
La Porte, 16,180—La Porte							
Fairview Hospital	Gen	NPAssn	28	18	8	129	535
Lebanon, 6,529—Boone							
Witham Memorial Hospital	Gen	County	56	31	12	256	1,110
Linton, 6,261—Greene							
Freeman Greene County Hospital	Gen	County	40	18	8	144	806
Logansport, 20,177—Cass							
Cass County Hospital♣	Gen	County	58	42	10	240	1,355
Logansport State Hosp.♣♦	Ment	State	2,027	1,945	..	..	422
St. Joseph's Hospital	Gen	Church	50	36	10	141	1,031
Madison, 6,923—Jefferson							
Kings Daughters Hospital	Gen	NPAssn	50	19	6	81	802
Marion, 30,767—Grant							
Marion General Hospital♣	Gen	NPAssn	55	35	10	306	1,514
Veterans Admin. Facility	See Veterans Admin. Hospital, Ind.						
Martinsville, 5,069—Morgan							
Morgan County Memorial Hospital	Gen	County	18	8	6	65	556
Michigan City, 36,476—La Porte							
Clinic Hospital♣	Gen	Corp	50	28	12	65	1,471
St. Anthony's Hospital♣	Gen	Church	100	41	19	349	1,556
Mishawaka, 28,298—St. Joseph							
St. Joseph Hospital♣♦	Gen	Church	100	65	20	608	3,814
Muncie, 49,798—Delaware							
Ball Memorial Hosp.♣♦♣	Gen	NPAssn	217	146	25	913	4,878
New Albany, 25,414—Floyd							
St. Edward's Hospital♣	Gen	Church	100	47	14	273	1,682
"Silvercrest" Sanitarium Indiana Tuberculosis Hospital	TB	State	132	..	..	Estab. 1940	
Newcastle, 16,620—Henry							
Clinic Hospital	Gen	Part	18	13	6	112	644
Henry County Hospital♣	Gen	County	61	38	9	198	1,342
North Madison, 316—Jefferson							
Madison State Hospital	Ment	State	1,380	1,377	..	..	256
Peru, 12,462—Miami							
Dukes Miami County Memorial Hospital	Gen	County	48	...No data supplied			
Wabash Railroad Employees Hospital	Indus	NPAssn	50	29	..	..	482
Plymouth, 5,713—Marshall							
Parkview Hospital	Gen	NPAssn	50	20	7	228	1,122
Portland, 6,362—Jay							
Jay County Hospital	Gen	County	35	23	8	154	1,198
Princeton, 7,286—Gibson							
Methodist Hospital♣	Gen	Church	50	17	6	111	667
Rensselaer, 3,214—Jasper							
Jasper County Hospital	Gen	County	38	28	10	245	1,075
Richmond, 33,147—Wayne							
Reid Memorial Hospital♣♦	Gen	NPAssn	128	77	22	420	3,701
Richmond State Hospital	Ment	State	1,686	1,626	..	..	370
Smith-Esteb Memorial Hosp.	TB	County	45	34	..	..	46
Rochester, 4,855—Fulton							
Woodlawn Hospital	Gen	Indiv	31	8	5	80	441
Rockville, 2,398—Parke							
Indiana State Sanatorium	TB	State	250	227	..	..	244
Rushville, 5,598—Rush							
City Hospital	Gen	City	11	5	6	102	402
Seymour, 5,638—Jackson							
Schneck Memorial Hospital	Gen	County	26	25	9	148	877
Shelbyville, 10,791—Shelby							
W. S. Major Hospital	Gen	City	41	22	6	127	982
South Bend, 101,268—St. Joseph							
Epworth Hospital♣♦♣	Gen	NPAssn	155	125	37	919	4,826
Healthwin Hospital♣	TB	County	205	185	34	..	208
St. Joseph Hospital♣♦	Gen	Church	123	90	24	719	3,479
Sullivan, 5,977—Sullivan							
Mary Sherman Memorial Hospital♣	Gen	County	50	29	7	130	988
Tell City, 5,395—Perry							
Parkview Hospital	Gen	Indiv	14	3	2	6	221
Terre Haute, 62,505—Vigo							
St. Anthony's Hospital♣♦	Gen	Church	176	130	21	409	3,581
Union Hospital♣	Gen	NPAssn	178	115	20	431	3,980
Union City, 3,355—Randolph							
Union City Hospital	Gen	Indiv	15	7	3	77	442
Valparaiso, 8,736—Porter							
Porter Memorial Hospital	Gen	County	52	27	15	260	934
Veterans Administration Hospital, 2,300—Grant							
Veterans Admin. Facility♣	Ment	Vet	1,500	1,521	..	..	288
Vincennes, 18,288—Knox							
Good Samaritan Hospital	Gen	County	92	66	11	239	2,285
Hillcrest Tuberculosis Hosp.	TB	County	65	31	..	..	57
Wabash, 9,653—Wabash							
Wabash County Hospital	Gen	County	50	25	11	218	1,108
Warsaw, 6,778—Kosciusko							
McDonald Hospital	Gen	Indiv	31	18	8	206	992
Murphy Hospital	Gen	Indiv	12	7	10	61	505
Washington, 9,312—Daviess							
Daviess County Hospital	Gen	County	92	55	15	227	2,000
Williamsport, 1,222—Warren							
Marie Hospital	Gen	Part	22	13	5	57	429
Winchester, 5,305—Randolph							
Randolph County Hospital	Gen	County	32	22	8	181	1,037
Wolflake, 250—Noble							
Luckey Hospital	Gen	Part	20	8	4	16	140
Related Institutions							
Anderson, 41,572—Madison							
Ella B. Kehrer Hospital	TB	County	50	25	..	..	36
Hoppes Lying-In Hospital	Mat	Corp	10	7	10	198	258
Butlerville, 256—Jennings							
Muscatatuck Colony	MeDe	State	885	867	..	..	146

INDIANA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Evansville, 97,062—Vanderburgh							
French Hospital	Proct	NPAssn	6	4	..	..	237
Fort Wayne, 118,410—Allen							
Fort Wayne State School	MeDe	State	1,900	1,948	..	..	105
Grace Convalescent Hospital	Conv	Indiv	20	14	..	..	62
Medical Center Hospital	Gen	Indiv	16	10	7	184	515
Greencastle, 4,872—Putnam							
Indiana State Farm Hosp.	Inst	State	47	25	..	..	892
Greensburg, 6,095—Decatur							
Odd Fellows Home Hospital	Inst	NPAssn	75	65	..	..	125
Indianapolis, 386,972—Marion							
Indianapolis Orphan Asylum	Inst	NPAssn	9	3	..	..	130
Suemma Coleman Home	Mat	NPAssn	20	16	20	53	59
Knightstown, 2,225—Henry							
Indiana Sailors' and Soldiers' Children's Home	Inst	State	35	10	..	..	1,241
Kramer, 1,300—Warren							
Mudavia Springs Hotel and Sanitarium	Conv	Corp	65	35	..	..	1,000
La Fayette, 28,298—Tippecanoe							
Indiana State Soldiers' Home Hospital	Inst	State	140	65	..	..	348
Martinsville, 5,069—Morgan							
Home Lawn Mineral Springs	Conv	Corp	164	75	..	..	1,736
Martinsville Sanitarium	Conv	Corp	100	42	..	..	1,000
Michigan City, 36,476—La Porte							
Indiana Hospital for Insane Criminals	Ment	State	291	287	..	..	26
Indiana State Prison Hosp.	Inst	State	120	98	..	..	773
Michigan City Sanitarium	Conv	Corp	31	10	..	..	575
Mooresville, 1,979—Morgan							
Comer's Sanitarium	Proct	Indiv	15	8	..	..	220
Newcastle, 16,620—Henry							
Indiana Village for Epileptics	Epil	State	1,025	996	..	..	105
Pendleton, 1,061—Madison							
Indiana State Reformatory Hospital	Inst	State	115	37	..	..	2,272
Plainfield, 1,811—Hendricks							
Indiana Boys School Hosp.	Inst	State	32	3	..	..	294
Rome City, 300—Noble							
Kneipp Springs Sanatorium	Conv	Church	300	..	..	..	1,572
Terre Haute, 62,505—Vigo							
Hoover's Sanatorium	Gen	Indiv	10	3	2	9	170
Wilkinson, 350—Hancock							
Dr. Charles Titus Hospital	ENT	Indiv	7	1	..	..	370

IOWA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Akron, 1,314—Plymouth							
Akron Hospital	Gen	Indiv	14	4	3	48	247
Albia, 3,157—Monroe							
Miner's Hospital	Gen	Indiv	25	6	5	33	428
Algona, 4,954—Kossuth							
Kossuth Hospital	Gen	Indiv	30	17	6	143	601
Alta, 1,393—Buena Vista							
Alta Community Hospital	Gen	NPAssn	13	5	5	22	155
Ames, 12,555—Story							
Iowa State College Hosp.♣	Gen	State	75	16	..	41	1,508
Anamosa, 4,020—Jones							
Mercy Hospital	Gen	Church	30	15	9	179	538
Atlantic, 5,902—Cass							
Atlantic Hospital	Gen	Corp	44	24	6	146	750
Battle Creek, 827—Ida							
Battle Creek Hospital	Gen	Part	17	6	4	34	232
Boone, 12,573—Boone							
Boone County Hospital	Gen	County	38	20	10	284	985
Burlington, 25,832—Des Moines							
Burlington Protestant Hospital♣♦	Gen	NPAssn	105	82	20	261	2,209
Mercy Hospital♣♦	Gen	Church	125	54	20	220	1,392
St. Francis Hospital	Gen	Church	50	35	10	135	688
Carroll, 5,380—Carroll							
St. Anthony Hospital♣♦	Gen	Church	108	49	22	452	2,484
Cedar Falls, 9,349—Black Hawk							
Sartori Memorial Hospital♣	Gen	City	35	20	8	191	820
Cedar Rapids, 62,120—Linn							
Mercy Hospital♣♦♣	Gen	Church	150	90	25	586	2,916
St. Luke's Methodist Hospital♣♦	Gen	Church	130	90	20	560	4,384
Centerville, 6,413—Appanoose							
St. Joseph's Mercy Hosp.♣	Gen	Church	47	33	6	170	1,495
Chariton, 3,754—Lucas							
Yocom Hospital	Gen	Indiv	16	10	5	49	320
Charles City, 8,681—Floyd							
Cedar Valley Hospital	Gen	City	45	30	11	213	1,163
Cherokee, 7,402—Cherokee							
Cherokee State Hospital	Ment	State	1,600	1,646	..	..	285
Sioux Valley Hospital	Gen	NPAssn	53	21	12	157	1,046
Clarinda, 4,965—Page							
Clarinda Municipal Hospital	Gen	City	40	15	10	121	992
Clarinda State Hospital	Ment	State	1,701	1,659	..	..	695
Clinton, 26,270—Clinton							
Jane Lamb Memorial Hosp.♣	Gen	NPAssn	92	60	15	243	2,102
St. Joseph Mercy Hospital♣	Gen	Church	73	57	12	243	1,347
Colfax, 2,252—Jasper							
Colfax Sanitarium	Gen	Corp	18	7	1	15	190

Key to symbols and abbreviations is on page 1083

IOWA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Council Bluffs, 41,439—Pottawattamie							
Jennie Edmundson Memorial Hospital●▲◇	Gen	NPAssn	119	75	16	309	2,339
Mercy Hospital●▲◇	Gen	Church	135	94	12	282	3,335
St. Bernard's Hospital◇	N&M	Church	220	139	..	...	267
Cresco, 3,530—Howard							
St. Joseph Mercy Hospital	Gen	Church	35	10	8	76	414
Creston, 8,033—Union							
Greater Community Hosp.	Gen	County	50	25	7	88	1,249
Davenport, 66,039—Scott							
Mercy Hospital●▲◇	Gen	Church	135	98	30	718	3,878
Pine Knoll Sanitarium	TB	County	111	76	..	...	90
St. Elizabeth's and St. John's Hospitals	Unit of Mercy Hospital						
St. Luke's Hospital▲◇	Gen	Church	80	61	20	623	2,637
Decorah, 5,303—Winneshiek							
Decorah Hospital▲	Gen	NPAssn	26	16	8	183	717
Denison, 4,361—Crawford							
Denison Hospital	Gen	Indiv	15	4	3	50	369
Des Moines, 159,819—Polk							
Broadlawns Polk County Public Hospital●▲◇	Gen	County	102	109	16	368	4,712
Broadlawns Polk County Public Hospital	Iso	County	49	15	..	...	395
Broadlawns Polk County Public Hospital▲	TB	County	100	66	..	...	97
Iowa Lutheran Hospital●▲◇	Gen	Church	125	88	20	437	3,534
Iowa Methodist Hospital●▲◇	Gen	Church	239	192	40	969	7,451
Mercy Hospital●▲◇	Gen	Church	166	104	24	624	4,123
The Retreat	N&M	Corp	50	35	..	...	116
Veterans Admin. Facility▲	Gen	Vet	310	277	..	...	2,656
Dubuque, 43,892—Dubuque							
Finley Hospital▲	Gen	NPAssn	100	47	18	294	1,966
St. Joseph Mercy Hosp.▲◇	Gen	Church	130	85	22	558	3,018
St. Joseph Sanitarium	N&M	Church	200	208	..	...	528
Sunny Crest Sanatorium▲	TB	County	70	66	..	...	63
Eldora, 3,553—Hardin							
Eldora Memorial Hospital	Gen	City	23	13	7	78	602
Emmetsburg, 3,374—Palo Alto							
Emmetsburg Hospital	Gen	NPAssn	24	7	8	92	462
Estherville, 5,651—Emmet							
Coleman Hospital	Gen	NPAssn	35	18	7	164	1,095
Fairfield, 6,773—Jefferson							
Jefferson County Hospital	Gen	County	24	18	6	148	797
Forest City, 2,545—Winnebago							
Irish Hospital	Gen	Indiv	14	9	5	133	387
Fort Des Moines, 2,000—Polk							
Station Hospital▲	Gen	Army	73	59	4	35	1,161
Fort Dodge, 22,904—Webster							
Lutheran Hospital▲	Gen	Church	100	63	20	402	3,086
St. Joseph Mercy Hosp.▲◇	Gen	Church	120	64	15	281	2,357
Fort Madison, 14,063—Lee							
Atchison, Topeka & Santa Fe Railway Employees' Hosp.	Indus	NPAssn	40	16	..	...	300
Sacred Heart Hospital	Gen	Church	50	30	10	134	1,471
Grinnell, 5,210—Poweshiek							
Grinnell Community Hosp.▲	Gen	NPAssn	54	19	6	123	884
St. Francis Hospital	Gen	Church	32	14	10	80	502
Hamburg, 2,187—Fremont							
Hamburg Hospital	Gen	Indiv	16	11	4	57	788
Hampton, 4,006—Franklin							
Lutheran Hospital	Gen	Church	46	30	8	130	1,073
Hartley, 1,503—O'Brien							
Hand Hospital	Gen	Indiv	12	5	4	64	285
Hull, 1,072—Sioux							
Hull Hospital	Gen	Corp	15	9	3	18	442
Ida Grove, 2,238—Ida							
Ida Grove General Hospital	Gen	Part	12	4	4	26	106
Independence, 4,342—Buchanan							
Independence State Hospital	Ment	State	1,800	1,679	..	...	436
Peoples Hospital	Gen	NPAssn	32	18	8	151	671
Iowa City, 17,182—Johnson							
Children's Hospital	Unit of University Hospitals						
Iowa State Psychopathic Hospital◆◇	Ment	State	60	36	..	...	328
Mercy Hospital▲◇	Gen	Church	100	73	20	409	2,061
University Hospitals●◆▲◇	Gen	State	900	697	54	1,739	18,551
Iowa Falls, 4,425—Hardin							
Ellsworth Municipal Hosp.	Gen	City	45	21	10	150	1,130
Keokuk, 15,076—Lee							
Graham Protestant Hosp.◇	Gen	NPAssn	75	42	10	139	1,808
St. Joseph's Hospital◇	Gen	Church	110	67	15	273	2,069
Knoxville, 6,936—Marion							
Veterans Admin. Facility▲	Ment	Vet	1,268	1,143	..	...	534
Lake City, 2,216—Calhoun							
Davidson Hospital	Gen	Indiv	12	8	4	18	238
McCrary Hospital	Gen	Indiv	25	9	6	72	470
McVay Memorial Hospital	Gen	Part	15	10	5	68	375
Le Mars, 5,353—Plymouth							
Sacred Heart Hospital▲	Gen	Church	40	24	10	186	1,097
Leon, 2,307—Decatur							
Decatur County Hospital	Gen	County	30	11	5	72	611
Manning, 1,748—Carroll							
Wyatt Memorial Hospital	Gen	NPAssn	20	4	4	35	103
Maquoketa, 4,076—Jackson							
City Memorial Hospital	Gen	Indiv	20	14	5	51	295
Marshalltown, 19,240—Marshall							
Evangelical Deaconess Home and Hospital◇	Gen	Church	150	101	20	422	2,897
St. Thomas Mercy Hospital◇	Gen	Church	68	45	15	229	1,119
Mason City, 27,080—Cerro Gordo							
Park Hospital▲	Gen	Corp	53	35	16	292	1,532
St. Joseph's Mercy Hosp.▲◇	Gen	Church	88	74	22	469	2,649
McGregor, 1,309—Clayton							
McGregor Hospital	Gen	Indiv	10	5	3	21	156

IOWA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Monticello, 2,546—Jones							
John McDonald Hospital	Gen	NPAssn	30	20	10	140	648
Mt. Pleasant, 4,610—Henry							
Mt. Pleasant State Hospital	Ment	State	1,622	1,480	..	...	495
Muscatine, 18,286—Muscatine							
Bellevue Hospital	Gen	NPAssn	42	24	12	157	1,137
Benjamin Hershey Memorial Hospital	Gen	NPAssn	50	22	8	164	1,306
Nevada, 3,353—Story							
Iowa Sanitarium and Hosp.	Gen	Church	35	14	4	108	484
New Hampton, 2,933—Chickasaw							
St. Joseph's Hospital▲	Gen	Church	51	22	9	144	978
Newton, 10,462—Jasper							
Mary Frances Skiff Memorial Hospital	Gen	City	50	26	9	152	792
Oakdale, —Johnson							
State Sanatorium◆▲	TB	State	428	397	..	...	322
Oelwein, 7,801—Fayette							
Mercy Hospital	Gen	Church	30	22	10	199	969
Onawa, 3,438—Monona							
Onawa Hospital	Gen	Indiv	21	6	5	32	301
Osceola, 3,281—Clarke							
Bates Hospital	Gen	Indiv	17	6	2	8	171
Harken Hospital	Gen	Indiv	20	10	6	42	395
Osceola Hospital	Gen	Part	20	7	4	74	438
Oskaloosa, 11,024—Mahaska							
Mercy Hospital	Gen	Part	30	16	5	80	639
Ottumwa, 31,570—Wapello							
Ottumwa Hospital	Gen	NPAssn	62	35	16	223	1,507
St. Joseph Hospital◇	Gen	Church	78	42	12	280	1,797
Sunnyslope Sanatorium▲	TB	County	106	101	..	...	136
Perry, 5,977—Dallas							
Kings Daughters Hospital	Gen	NPAssn	21	14	6	83	614
Pleasantville, 805—Marion							
Community Hospital	Gen	Indiv	10	3	2	7	150
Rockwell City, 2,391—Calhoun							
Rockwell City Hospital	Gen	Indiv	11	7	5	55	210
Sheldon, 3,768—O'Brien							
Sheldon Good Samaritan Hospital	Gen	Church	16	10	5	23	284
Shenandoah, 6,846—Page							
Hand Memorial Hospital	Gen	NPAssn	38	21	8	165	1,144
Sibley, 2,356—Osceola							
Osceola Hospital	Gen	Part	16	8	6	43	396
Sigourney, 2,355—Keokuk							
Sigourney Hospital	Gen	Indiv	11	2	3	10	94
Sioux City, 82,364—Woodbury							
Lutheran Hospital▲◇	Gen	Church	105	66	10	248	2,084
Methodist Hospital◇	Gen	Church	109	68	16	395	2,963
St. Joseph Mercy Hosp.●▲◇	Gen	Church	200	122	20	553	5,263
St. Vincent's Hospital▲◇	Gen	Church	116	85	14	315	4,565
Spencer, 6,599—Clay							
Spencer Municipal Hospital	Gen	City	26	10	9	196	756
Spirit Lake, 2,161—Dickinson							
Spirit Lake Hospital	Gen	Part	15	7	3	74	463
Storm Lake, 5,274—Buena Vista							
Porath Hospital	Gen	Indiv	9	7	5	109	286
Toledo, 2,073—Tama							
Sac and Fox Sanatorium	GenTb	IA	74	47	3	...	146
Vinton, 4,163—Benton							
Virginia Gay Hospital	Gen	City	25	13	6	108	465
Washington, 5,227—Washington							
Washington County Hosp.▲	Gen	County	35	20	11	172	958
Waterloo, 51,743—Black Hawk							
Allen Memorial Hospital	Gen	NPAssn	75	61	15	521	2,091
Presbyterian Hospital	Gen	NPAssn	34	25	10	150	1,002
St. Francis Hospital▲	Gen	Church	64	47	16	452	2,078
Waverly, 4,156—Bremer							
St. Joseph Mercy Hospital▲	Gen	Church	50	24	10	201	1,113
West Union, 2,059—Fayette							
West Union Community Hospital	Gen	City	15	10	3	38	237
Williamsburg, 1,308—Iowa							
Miller Hospital	Gen	Indiv	8	2	2	26	150
Related Institutions							
Anamosa, 4,069—Jones							
Men's Reformatory Hospital	Inst	State	21	5	..	...	409
Belmond, 2,169—Wright							
Belmond Hospital	Gen	Part	11	6	4	60	316
Council Bluffs, 41,439—Pottawattamie							
Iowa School for the Deaf Infirmary	Inst	State	60	15	..	...	811
Davenport, 66,039—Scott							
Iowa Soldiers' Orphans' Home Hospital	Inst	State	66	53	..	...	1,061
Des Moines, 159,819—Polk							
Benedict Home	Mat	NPAssn	30	18	15	20	21
Junior League Convalescent Home for Children	Conv	NPAssn	20	14	..	...	86
Salvation Army Booth Memorial Hospital	Mat	Church	50	28	30	76	81
Eldora, 3,553—Hardin							
Iowa Training School for Boys Hospital	Inst	State	30	14	..	...	1,742
Fort Madison, 14,063—Lee							
Iowa State Penitentiary Hospital	Inst	State	36	21	..	...	510
Glenwood, 4,501—Mills							
Glenwood State School	MeDe	State	1,920	1,841	..	...	87
Harlan, 3,727—Shelby							
Harlan Hospital	Gen	Indiv	14	7	5	74	336
Manchester, 3,762—Delaware							
Drs. Jones and Clark Hosp.	Gen	Part	10	8	3	25	235

Key to symbols and abbreviations is on page 1083

V 1
194

IOWA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Marshalltown, 19,266—Marshall							
Iowa Soldiers' Home Hosp.	Inst	State	170	95	..	...	242
Odebolt, 1,350—Sac							
Odebolt Hospital	Gen	Indiv	9	3	3	20	95
Orange City, 1,920—Sioux							
Doornink Hospital	Gen	Indiv	6	2	1	12	145
Postville, 1,394—Allamakee							
Postville Community Hosp.	Gen	Corp	13	7	3	38	219
Red Oak, 5,763—Montgomery							
Powell School for Backward and Nervous Children	MeDe	Part	56	45	..	...	6
Sac City, 3,165—Sac							
Sac City Hospital	Gen	Indiv	10	2	3	14	228
Sioux City, 82,264—Woodbury							
Florence Crittenton Home	Mat	NPAssn	39	23	35	58	74
Toledo, 2,053—Tama							
State Juvenile Home Hosp.	Inst	State	32	6	..	...	242
Waukon, 2,972—Allamakee							
Hall Hospital	Mat	Indiv	4	1	4	48	48
Rominger and Jeffries Emergency Hospital	Gen	Part	8	2	..	3	227
Winterset, 3,631—Madison							
Winterset Hospital	Gen	Indiv	13	6	4	54	400
Woodward, 855—Dallas							
Hospital for Epileptics and School for Feebleminded	MeDe	State	1,500	1,062	..	...	169

KANSAS

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Abilene, 5,671—Dickinson							
Dickinson County Memorial Hospital	Gen	NPAssn	30	14	6	129	807
Anthony, 2,875—Harper							
Community Hospital	Gen	Indiv	13	8	3	65	5 4
Galloway Hospital	Gen	Indiv	32	30	7	137	1,739
Arkansas City, 12,732—Cowley							
Mercy Hospital	Gen	NPAssn	40	11	8	183	622
Stricker Hospital	Gen	NPAssn	28	3	5	11	1,138
Atchison, 12,648—Atchison							
Atchison Hospital	Gen	NPAssn	33	15	8	290	817
Axtell, 545—Marshall							
Axtell Hospital	Gen	Indiv	12	6	5	48	286
Belleville, 2,580—Republic							
Patterson Memorial Hosp.	Gen	Indiv	20	7	4	28	210
Beloit, 3,765—Mitchell							
Community Hospital♣	Gen	NPAssn	49	16	6	142	740
Chanute, 10,142—Neosho							
Johnson Hospital◇	Gen	Corp	50	21	5	87	754
Coffeyville, 17,535—Montgomery							
Coffeyville General Hospital	Gen	Indiv	10	4	2	...	127
Medical Center Hospital	Gen	NPAssn	18	9	4	65	834
Southeast Kansas Hospital◇	Gen	NPAssn	23	8	5	91	625
Columbus, 3,402—Cherokee							
Maude Norton Memorial City Hospital	Gen	City	19	10	2	8	339
Concordia, 6,255—Cloud							
Concordia Hospital	Gen	Church	35	7	4	12	306
St. Joseph's Hospital♣◇	Gen	Church	75	61	10	161	1,640
Council Grove, 2,853—Morris							
Neosho Street Hospital	Gen	Indiv	13	3	1	11	151
Dodge City, 8,487—Ford							
St. Anthony Hospital♣◇	Gen	Church	80	44	14	193	1,539
El Dorado, 10,045—Butler							
Susan B. Allen Memorial Hospital♣◇	Gen	NPAssn	50	32	8	221	1,507
Elkhart, 902—Morton							
Tucker Hospital	Gen	Indiv	18	5	4	15	91
Ellsworth, 2,227—Ellsworth							
Ellsworth Hospital◇	Gen	Corp	36	24	7	111	772
Emporia, 15,188—Lyon							
Newman Memorial County Hospital◇	Gen	County	65	37	14	240	1,484
St. Mary's Hospital♣	Gen	Church	49	33	10	112	916
Fort Leavenworth, 4,986—Leavenworth							
Station Hospital♣	Gen	Army	155	81	5	24	1,632
Fort Riley, 3,500—Geary							
Station Hospital♣	Gen	Army	181	106	8	108	2,429
Fort Scott, 10,557—Bourbon							
Mercy Hospital♣◇	Gen	Church	110	75	12	254	2,564
Garden City, 6,385—Finney							
St. Catherine's Hospital♣◇	Gen	Church	43	24	7	167	1,218
Girard, 2,554—Crawford							
Girard General Hospital	Gen	City	18	6	3	43	276
Goessel, 256—Marion							
Mennonite Bethesda Hosp.	Gen	Church	16	9	5	42	172
Goodland, 3,306—Sherman							
Boothroy Memorial Hosp.	Gen	Church	19	9	4	88	654
Great Bend, 9,044—Barton							
St. Rose Hospital♣◇	Gen	Church	106	61	19	467	2,761
Halstead, 1,297—Harvey							
Halstead Hospital◇	Gen	Church	150	111	8	52	3,253
Harper, 1,095—Harper							
Joslin Hospital	Gen	Indiv	10	5	4	43	197
Hays, 6,585—Ellis							
Hays Protestant Hospital	Gen	Church	38	9	5	49	585
St. Anthony's Hospital♣	Gen	Church	100	83	22	308	2,096

KANSAS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Herington, 3,804—Dickinson							
Mercy Hospital	Gen	NPAssn	20	10	5	31	204
Hillsboro, 1,580—Marion							
Salem Hospital	Gen	Church	22	10	7	86	396
Hoisington, 3,719—Barton							
Hoisington Hospital	Gen	NPAssn	15	7	3	37	541
Horton, 2,872—Brown							
Horton Hospital	Gen	Part	25	17	6	196	699
Hutchinson, 30,013—Reno							
Grace Hospital◇	Gen	Church	107	51	18	502	2,430
St. Elizabeth Mercy Hosp.◇	Gen	Church	60	39	12	341	1,307
Independence, 11,565—Montgomery							
Mercy Hospital◇	Gen	Church	56	43	10	129	1,183
Iola, 7,244—Allen							
St. John's Hospital	Gen	Church	20	12	5	108	670
Junction City, 8,507—Geary							
Junction City Municipal Hospital	Gen	City	40	18	9	164	750
Kansas City, 121,458—Wyandotte							
Bell Memorial Hospital	Unit of University of Kansas Hospitals						
Bethany Hospital♣◇	Gen	Church	130	94	22	469	3,201
Douglass Hospital	Gen	Church	25	8	3	20	207
Grandview Sanitarium	N&M	Indiv	37	17	..	...	244
Providence Hospital♣◇	Gen	Church	100	82	20	466	2,664
St. Margaret's Hospital♣◇	Gen	Church	225	150	26	376	4,126
University of Kansas Hospitals♣◇	Gen	State	325	254	25	435	6,015
Larned, 3,533—Pawnee							
Larned State Hospital	Ment	State	1,425	1,260	..	...	765
Lawrence, 14,390—Douglas							
Lawrence Memorial Hosp.♣	Gen	City	65	21	10	243	1,190
Leavenworth, 19,220—Leavenworth							
Cushing Memorial Hospital◇	Gen	NPAssn	52	21	10	166	920
St. John's Hospital♣◇	Gen	Church	65	50	10	151	926
Liberal, 4,410—Seward							
Epworth Hospital	Gen	Church	47	16	5	80	444
Lyons, 4,497—Rice							
Lyons Hospital	Gen	NPAssn	20	12	6	150	610
Manhattan, 11,659—Riley							
St. Mary Hospital◇	Gen	Church	50	31	11	177	1,200
Marysville, 4,055—Marshall							
Marysville Hospital	Gen	Indiv	10	2	4	20	140
Randell Hospital	Gen	Indiv	16	7	3	30	250
McPherson, 7,194—McPherson							
McPherson County Hospital	Gen	County	60	27	10	252	1,001
Mulvane, 946—Sumner							
Atchison, Topeka & Santa Fe Railway Hospital♣	Indus	NPAssn	50	25	..	...	331
Neodesha, 3,276—Wilson							
Wilson County Hospital	Gen	County	30	16	6	78	607
Newton, 11,048—Harvey							
Axtell Christian Hospital♣◇	Gen	Church	53	33	12	165	1,359
Bethel Deaconess Hospital◇	Gen	Church	62	35	12	158	1,234
Norton, 2,762—Norton							
Kenney Memorial Hospital	Unit of State Sanatorium for Tuberculosis						
Norton Hospital	Gen	City	25	12	6	71	437
State Sanatorium for Tuberculosis♣	TB	State	486	370	..	...	351
Oberlin, 1,878—Decatur							
Benton Memorial Hospital	Gen	Indiv	14	5	3	19	272
Osawatomie, 4,145—Miami							
Osawatomie State Hospital	Ment	State	1,715	1,657	..	...	319
Ottawa, 10,195—Franklin							
Ransom Memorial Hospital	Gen	County	35	11	12	113	553
Parsons, 14,294—Labette							
Mercy Hospital♣	Gen	Church	30	17	10	128	792
Missouri, Kansas, Texas Railroad Employes' Hospital	Indus	NPAssn	50	32	..	...	580
State Hospital for Epileptics	Epil	State	960	868	..	...	84
Pittsburg, 17,571—Crawford							
Mt. Carmel Hospital♣◇	Gen	Church	75	44	8	188	1,728
Pratt, 6,591—Pratt							
Ninnescah Hospital◇	Gen	Corp	20	13	5	47	430
Sabetha, 2,241—Nemaha							
St. Anthony Murdock Memorial Hospital♣◇	Gen	Church	100	31	12	72	1,343
Salina, 21,073—Saline							
Asbury Protestant Hosp.◇	Gen	Church	50	37	15	201	1,602
St. John's Hospital♣◇	Gen	Church	60	43	15	247	1,311
Spearville, 605—Ford							
Perkins Hospital	Gen	NPAssn	10	5	3	34	227
Stafford, 2,011—Stafford							
Feldhut Memorial Hospital	Gen	Part	25	12	5	68	315
Sterling, 2,215—Rice							
Sterling Hospital	Gen	NPAssn	17	11	5	48	601
Syracuse, 1,726—Hamilton							
Donohue Memorial Hospital	Gen	County	21	7	4	58	200
Topeka, 67,833—Shawnee							
Atchison, Topeka & Santa Fe Railway Hospital♣	Indus	NPAssn	140	94	..	...	1,947
Christ's Hospital♣◇	Gen	Church	95	60	20	225	1,814
Hillcrest Sanatorium	TB	CyCo	70	50	..	...	161
Jane C. Stormont Hosp.♣◇	Gen	NPAssn	80	57	20	384	1,957
Menninger Sanitarium♣♣	N&M	Corp	60	38	..	...	116
St. Francis Hospital♣◇	Gen	Church	96	61	22	310	2,141
Topeka State Hospital	Ment	State	1,880	1,906	..	...	352
Wadsworth, —Leavenworth							
Veterans Admin. Facility♣	Gen	Vet	734	599	..	...	3,085
Wamego, 1,767—Pottawatomie							
Genn Hospital	Gen	City	15	10	6	69	283
Wellington, 7,246—Sumner							
Hatcher Hospital	Gen	NPAssn	20	8	7	55	510
St. Luke's Hospital	Gen	NPAssn	20	9	8	87	489

Key to symbols and abbreviations is on page 1063

KANSAS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Wichita, 114,966—Sedgwick							
Coffman Hospital	Gen	Corp	15	4	2	14	241
St. Francis Hospital●◆▲○	Gen	Church	275	196	25	713	6,425
Sedgwick County Hospital	Gen	County	80	59	5	78	2,009
Veterans Admin. Facility▲	Gen	Vet	246	191	..	...	2,192
Wesley Hospital●▲○	Gen	Church	229	152	32	623	4,725
Wichita Hospital●▲○	Gen	Church	105	94	15	474	2,706
Winfield, 9,506—Cowley							
St. Mary's Hospital▲○	Gen	Church	50	36	6	97	1,012
William Newton Memorial Hospital▲○	Gen	City	57	34	10	174	1,273

Related Institutions

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Ashland, 1,186—Clark							
Ashland Hospital	Gen	NPAssn	10	3	4	59	204
Caldwell, 1,962—Sumner							
Caldwell General Hospital	Gen	Indiv	20	6	5	61	300
Ellsworth, 2,227—Ellsworth							
Mother Bickerdyke Home and Hospital	Inst	State	30	20	..	...	27
Fort Dodge, 515—Ford							
Kansas State Soldiers' Home Hospital	Inst	State	34	9	..	...	346
Fort Leavenworth, 4,982—Leavenworth							
Hospital, U. S. Disciplinary Barracks	Gen	Army	180	...	..	...	...
Lansing, 988—Leavenworth							
Kansas State Penitentiary Hospital	Inst	State	45	23	..	...	730
Lawrence, 14,390—Douglas							
Haskell Institute Hospital	Inst	IA	40	7	..	...	378
Watkins Memorial Hosp.▲	Inst	State	62	20	..	...	1,414
Leavenworth, 19,220—Leavenworth							
U. S. Penitentiary Hospital▲	Inst	Fed	193	118	..	...	1,965
Little River, 603—Rice							
Hoffman Memorial Hospital	Gen	City	15	5	2	35	206
Manhattan, 11,659—Riley							
Kansas State College Hosp.	Inst	State	50	10	..	...	1,207
Norwich, 411—Kingman							
Wallace Hospital	Gen	Indiv	9	4	..	6	268
St. Francis, 1,641—Cheyenne							
St. Francis Hospital	Gen	Indiv	10	4	2	12	126
Scott City, 1,848—Scott							
Scott City Hospital	Gen	NPAssn	11	6	4	39	273
Topeka, 67,833—Shawnee							
Florence Crittenton Home	Mat	NPAssn	20	13	12	28	32
Wichita, 114,966—Sedgwick							
Salvation Army Home and Hospital	Mat	Church	73	27	19	87	92
Sedgwick County Tuberculosis Sanitarium	TB	County	69	40	..	...	40
Suburban Rest Sanitarium	Conv	Indiv	30	15	..	...	58
Winfield, 9,506—Cowley							
State Training School	MeDe	State	1,317	1,241	..	...	106

KENTUCKY

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Anchorage, 690—Jefferson							
Hord's Sanitarium	N&M	Indiv	55	35	..	...	92
Ashland, 29,537—Boyd							
Kings Daughters Hospital	Gen	NPAssn	86	67	15	408	2,262
Berea, 2,176—Madison							
Berea College Hospital▲○	GenIso	NPAssn	125	34	5	54	2,756
Beverly, 69—Bell							
Red Bird Evangelical Hosp.	Gen	Church	9	4	4	51	168
Bowling Green, 14,585—Warren							
City Hospital	Gen	City	43	20	8	133	1,412
Campbellsville, 2,488—Taylor							
Campbellsville Hospital	Gen	NPAssn	8	4	2	15	181
Corbin, 7,893—Whitley							
Smith Hospital	Gen	Indiv	32	10	4	14	426
Covington, 62,018—Kenton							
St. Elizabeth Hospital●▲○	Gen	Church	286	199	30	1,025	4,842
Wm. Booth Memorial Hosp.	Gen	Church	85	62	18	329	2,019
Cynthiana, 4,840—Harrison							
Harrison Memorial Hospital	Gen	NPAssn	30	12	6	40	306
Danville, 6,734—Boyle							
Ephraim McDowell Memorial Hospital	Gen	NPAssn	82	38	10	100	1,636
Dayton, 8,379—Campbell							
Speer's Memorial Hospital○	Gen	County	100	61	15	286	2,656
Fort Knox, 500—Hardin							
Station Hospital	Gen	Army	259	140	5	42	3,279
Fort Thomas, 11,034—Campbell							
Station Hospital	Gen	Army	142	86	3	14	1,204
Frankfort, 11,492—Franklin							
Kings Daughters Hospital	Gen	NPAssn	75	30	15	100	1,278
Georgetown, 4,420—Scott							
John Graves Ford Memorial Hospital	Gen	CyCo	26	17	6	58	540
Gilbertsville, 329—Marshall							
Kentucky Dam Hospital	Gen	Fed	20	10	7	6	548
Glasgow, 5,815—Barren							
T. J. Samson Community Hospital▲	Gen	NPAssn	51	45	9	72	2,351

KENTUCKY—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Greenville, 2,347—Muhlenberg							
Muhlenberg Community Hospital	Gen	NPAssn	30	19	5	36	1,100
Harlan, 5,122—Harlan							
Harlan Hospital	Gen	Corp	75	45	10	83	1,509
Harrodsburg, 4,673—Mercer							
A. D. Price Memorial Hosp.	Gen	NPAssn	20	10	5	27	498
Hartford, 1,385—Ohio							
Crowder Clinic	Gen	Indiv	5	2	2	27	139
Hazard, 7,397—Perry							
Hazard Hospital	Gen	Corp	80	33	8	61	2,097
Hurst-Snyder Hospital	Gen	Corp	25	13	5	26	609
Henderson, 13,160—Henderson							
Henderson Hospital	Gen	Corp	38	34	6	62	1,259
Hopkinsville, 11,724—Christian							
Jennie Stuart Memorial Hospital	Gen	NPAssn	30	22	4	39	929
Hyden, 1,471—Leslie							
Frontier Nursing Service Hospital	Gen	NPAssn	18	10	6	78	406
Jackson, 2,099—Breathitt							
Bach Memorial Hospital	Gen	Indiv	12	3	2	10	156
Jenkins, 9,428—Letcher							
Jenkins Hospital▲	Gen	NPAssn	65	37	6	41	1,334
Lebanon, 3,786—Marion							
Baute Infirmary	Gen	Indiv	15	9	5	66	462
Lexington, 49,304—Fayette							
Good Samaritan Hosp.●▲○	Gen	Church	263	201	20	537	7,418
High Oaks Sanatorium	N&M	Indiv	30	14	..	...	166
Julius Marks Sanatorium	TB	County	105	100	..	...	165
St. Joseph Hospital●◆▲○	Gen	Church	217	147	22	489	5,483
Shriners Hospital for Crippled Children▲	Orth	NPAssn	24	20	..	...	73
U. S. Public Health Service Hospital◆	Drug	Fed	1,000	934	..	...	516
Veterans Admin. Facility▲	Ment	Vet	559	541	..	...	515
London, 2,263—Laurel							
Pennington General Hosp.	Gen	Corp	25	13	4	10	340
Louisa, 2,023—Lawrence							
Riverview Hospital	Gen	Indiv	10	8	4	46	226
Louisville, 319,077—Jefferson							
Bel Air Sanatorium	N&M	Indiv	12	6	..	...	42
Children's Free Hospital▲○	Chil	NPAssn	75	50	..	...	1,146
Jewish Hospital◆▲○	Gen	NPAssn	85	47	15	167	1,716
Kentucky Baptist Hosp.●▲○	Gen	Church	130	117	20	499	4,254
Kosair Crippled Children Hospital◆▲	Orth	NPAssn	125	103	..	...	919
Louisville City Hosp.●◆▲○	Gen	City	528	421	58	1,527	12,422
Louisville Neuropathic Sanatorium	N&M	Corp	20	19	..	...	380
Methodist Deaconess Hospital▲○	Gen	Church	67	57	8	261	1,952
Norton Memorial Infirmary●▲○	Gen	NPAssn	140	106	25	408	3,987
Pope Sanatorium	N&M	Corp	21	6	..	...	75
Red Cross Hospital	Gen	NPAssn	60	15	8	18	389
St. Anthony's Hospital●▲○	Gen	Church	138	97	25	644	2,888
St. Joseph Infirmary●◆▲○	Gen	Church	300	183	25	498	6,187
SS. Mary and Elizabeth Hospital●▲○	Gen	Church	145	103	35	976	3,739
State Tuberculosis Sanat.	TB	State	130	99	..	...	298
Stokes Hospital	N&M	Indiv	30	18	..	...	90
U. S. Marine Hospital▲	Gen	USPHS	164	85	..	...	1,502
Lynch, 7,000—Harlan							
Lynch Hospital	Gen	NPAssn	50	31	4	130	1,132
Madisonville, 8,209—Hopkins							
Hopkins County Hospital	Gen	NPAssn	75	15	6	81	918
Mayfield, 8,619—Graves							
Fuller-Gilliam Hospital	Gen	Corp	25	16	4	62	782
Mayfield Hospital	Gen	NPAssn	36	20	5	76	762
Maysville, 6,572—Mason							
Hayswood Hospital	Gen	NPAssn	53	21	8	94	1,041
Middlesboro, 11,777—Bell							
Middlesboro Hospital	Gen	Corp	50	30	8	103	1,372
Morganfield, 3,079—Union							
Union County Hospital	Gen	Indiv	20	...	3	Estab.	1940
Murray, 3,773—Calloway							
Keys-Houston Clinic Hosp.	Gen	Part	27	10	8	57	601
Wm. Mason Memorial Hospital○	Gen	NPAssn	95	22	5	51	997
Outwood, —Christian							
Veterans Admin. Facility▲	TB	Vet	375	322	..	...	878
Owensboro, 30,245—Daviess							
Owensboro Daviess County Hospital○	Gen	CyCo	65	51	12	313	2,332
Paducah, 33,765—McCracken							
Ewart Purcell Isolation Hospital	Unit of Riverside Hospital						
Illinois Central Hospital▲	Indus	NPAssn	95	33	2	4	1,479
Riverside Hospital▲	Gen	City	90	37	12	351	2,002
Paintsville, 2,324—Johnson							
Paintsville Clinic	Gen	Indiv	20	6	4	15	228
Paintsville Hospital	Gen	Corp	65	35	10	65	1,906
Paris, 6,697—Bourbon							
W. W. Massie Memorial Hospital▲	Gen	City	55	30	5	136	1,050
Pewee Valley, 625—Oldham							
Pewee Valley Sanitarium and Hospital	Gen	NPAssn	35	24	3	20	281
Pikeville, 4,185—Pike							
Methodist Hospital	Gen	Church	90	37	10	78	1,808
Pineville, 3,882—Bell							
Pineville Community Hosp.	Gen	Corp	60	42	4	30	1,524

Key to symbols and abbreviations is on page 1083

KENTUCKY—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Richmond, 7,335—Madison							
Gibson Hospital	Gen	Indiv	16	8	3	25	350
Irvine-McDowell Memorial Hospital for Treatment of Trachoma	Trach	State	38	26	..	...	312
Pattie A. Clay Infirmary	Gen	NPAssn	53	29	5	66	1,662
Russellville, 3,980—Logan							
Russellville Hospital	Gen	Corp	15	5	3	33	354
Scottsville, 1,797—Allen							
Graves Infirmary	Gen	Indiv	17	5	2	51	228
Stanford, 1,940—Lincoln							
Stanford Hospital	Gen	Part	8	5	2	9	223
Versailles, 2,548—Woodford							
Woodford Memorial Hosp.	Gen	CyCo	34	11	6	95	569
Waverly Hills, —Jefferson							
Waverly Hills Sanatorium△	TB	CyCo	520	488	..	...	416
Winchester, 8,594—Clark							
Clark County Hospital	Gen	NPAssn	44	14	6	55	551
Guerrant Clinic and Hosp.	Gen	NPAssn	20	7	4	7	168
Related Institutions							
Barbourville, 2,420—Knox							
Logan Hospital	Gen	Corp	20	4	..	22	265
Covington, 62,018—Kenton							
Covington-Kenton County Tuberculosis Sanatorium	TB	County	17	15	..	...	16
Fleming, 1,193—Letcher							
Fleming Hospital	Indus	NPAssn	28	3	..	3	136
Frankfort, 11,626—Franklin							
State Institution for the Feebleminded	MeDe	State	768	740	..	...	37
Stewart Home Training School	MeDe	Indiv	120	...	..	...	...
Fulton, 2,378—Fulton							
Fulton Hospital	Gen	Part	15	6	4	76	448
Grayson, 1,176—Carter							
J. G. Stovall Memorial Hospital	Gen	Corp	20	8	3	31	318
Hopkinsville, 11,724—Christian							
Western State Hospital	Ment	State	1,956	1,956	..	...	612
La Grange, 1,234—Oldham							
State Reformatory Hospital	Inst	State	104	42	..	...	1,247
Lakeland, 55—Jefferson							
Central State Hospital	Ment	State	2,491	2,427	..	...	630
Lexington, 49,304—Fayette							
Eastern State Hospital	Ment	State	2,112	1,961	..	...	718
Louisville, 319,077—Jefferson							
Kings Daughters Home for Incurables	Incur	NPAssn	100	87	..	...	19
Susan Speed Davis Home and Hospital	MatCh	Church	43	28	19	74	79
Princeton, 5,393—Caldwell							
Princeton Hospital	Gen	City	16	7	4	39	363

LOUISIANA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Abbeville, 6,672—Vermilion							
Abbeville Clinic	Gen	Part	12	5	3	141	459
Alexandria, 27,056—Rapides							
Baptist Hospital△	Gen	Church	87	40	10	201	2,464
Veterans Admin. Facility△	Gen	Vet	621	548	..	....	3,800
Barksdale Field,—Bossier							
Station Hospital△	Gen	Army	160	127	8	66	2,500
Bastrop, 6,626—Morehouse							
Bastrop General Hospital	Gen	Indiv	26	8	6	53	443
Baton Rouge, 34,719—East Baton Rouge							
Baton Rouge General Hospital○	Gen	NPAssn	69	40	17	316	2,364
Our Lady of the Lake Sanitarium○	Gen	Church	125	95	24	718	5,636
Bogalusa, 14,604—Washington							
Elizabeth Sullivan Memorial Hospital○	Gen	NPAssn	84	67	12	251	3,254
Carville, 386—Iberville							
U. S. Marine Hospital△	Lepro	USPHS	454	356	..	...	64
Converse, 314—Sabine							
Allen Sanitarium	Gen	Corp	26	5	8	50	500
Covington, 4,125—St. Tammany							
New Fenwick Sanitarium	N&M	Indiv	64	16	..	...	180
Crowley, 9,553—Acadia							
Acadia Hospital	Gen	Part	12	7	2	81	506
Crowley Sanitarium (Legion Memorial Hospital)	Gen	NPAssn	20	7	3	75	545
Delhi, 1,192—Richland							
Delhi Clinic and Sanitarium	Gen	Part	12	3	2	42	240
De Ridder, 3,756—Beauregard							
Frazar Clinic and Hospital	Gen	Indiv	25	12	3	66	256
Donaldsonville, 3,880—Ascension							
Donaldsonville General Hosp.	Gen	Part	8	...	4	Estab. 1940	
Ferriday, 2,857—Concordia							
Ferriday Hospital	Gen	Part	28	12	4	51	624
Greenwell Springs, 120—East Baton Rouge							
Greenwell Springs Sanat.	TB	State	110	100	..	...	112
Haynesville, 2,418—Claiborne							
Haynesville Hospital	Gen	Corp	25	6	4	35	367
Houma, 9,652—Terrebonne							
Ellender Memorial Hospital	Gen	Part	23	12	4	150	702

LOUISIANA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Independence, 1,498—Tangipahoa							
Florida Parishes Charity Hospital	Gen	State	65	40	11	490	6,333
Jackson, 5,384—East Feliciana							
East Louisiana State Hosp.	Ment	State	4,324	4,000	..	....	927
Parker Hospital△	Unit of East Louisiana State Hospital						
Lafayette, 19,230—Lafayette							
Lafayette Charity Hospital	Gen	State	222	244	19	830	7,021
Lafayette Sanitarium	Gen	Corp	25	9	4	82	566
Lake Charles, 21,297—Calcasieu							
St. Patrick's Hospital△	Gen	Church	75	40	12	256	2,849
Lecompte, 1,331—Rapides							
Lecompte Sanitarium	Gen	Indiv	15	5	2	90	350
Mansfield, 4,035—De Soto							
Mansfield Sanitarium	Gen	Corp	32	7	2	14	401
Marksville, 1,931—Avoyelles							
Marksville Hospital	Gen	Indiv	11	6	3	46	310
Minden, 6,677—Webster							
Minden Sanitarium	Gen	Corp	27	13	4	104	856
Monroe, 26,350—Ouachita							
G. B. Cooley Sanatorium	TB	NPAssn	40	32	..	...	81
Riverside Sanitarium△	Gen	Indiv	25	9	4	65	535
St. Francis' Sanitarium○	Gen	Church	125	75	20	338	3,345
Vaughan - Wright - Bendel Clinic△	Gen	Part	26	16	5	55	820
New Iberia, 13,747—Iberia							
Dauterive Hospital	Gen	Indiv	27	9	6	164	879
Iberia General Hospital	Gen	Indiv	15	4	3	45	447
New Orleans, 494,537—Orleans							
Charity Hospital○△	Gen	State	2,982	2,462	151	5,476	57,594
City Hospital for Mental Diseases	Ment	City	100	50	..	...	507
Delgado Memorial Hospital	Unit of Charity Hospital						
De Paul Sanitarium	N&M	Church	250	200	..	....	346
Eye, Ear, Nose and Throat Hospital△	EXT	NPAssn	80	40	..	....	3,824
Flint Goodridge Hospital of Dillard University△	Gen	NPAssn	88	49	12	242	1,878
French Hospital	Gen	NPAssn	63	29	12	176	1,187
Hotel Dieu Sisters	Gen	Church	250	214	35	851	9,830
Illinois Central Hospital△	Indus	NPAssn	60	25	..	...	750
John Dibert Memorial Tuberculosis Hospital	Unit of Charity Hospital						
Mercy Hospital-Soniat Memorial○△	Gen	Church	118	64	24	680	3,845
New Orleans Hospital and Dispensary for Women and Children	Gen	NPAssn	38	23	12	397	1,349
Richard Milliken Memorial Hospital	Unit of Charity Hospital						
Southern Baptist Hosp.○△	Gen	Church	310	217	54	980	14,337
Touro Infirmary○△	Gen	NPAssn	400	306	40	1,140	11,818
U. S. Marine Hospital△	Gen	USPHS	372	434	..	....	5,412
Opelousas, 8,980—St. Landry							
St. Rita's Infirmary	Gen	Part	40	20	..	....	420
Pineville, 4,297—Rapides							
Central Louisiana State Hospital	Ment	State	2,328	2,140	..	....	659
Fuqua Memorial Hospital△	Unit of Central Louisiana State Hospital						
Huey P. Long Charity Hosp.	Gen	State	350	259	30	1,200	10,356
Plaquemine, 5,049—Iberville							
Plaquemine Sanitarium	Gen	NPAssn	25	8	6	144	906
Port Sulphur, 25—Plaquemines							
Port Sulphur Hospital	Gen	NPAssn	14	4	6	28	253
Ruston, 7,107—Lincoln							
Ruston-Lincoln Sanitarium	Gen	Corp	25	17	6	106	718
Shreveport, 98,167—Caddo							
Gilmer Chest Hospital	TB	Part	18	12	..	...	58
Gowen Sanatorium	TB	NPAssn	30	21	..	...	69
Highland Sanitarium○△	Gen	Corp	100	76	16	350	3,221
North Louisiana Sanit.○△	Gen	Corp	100	60	10	238	2,836
Pines Sanatorium	TB	NPAssn	104	81	..	...	119
T. E. Schumpert Memorial Sanitarium○△	Gen	Church	100	70	14	325	3,321
Shreveport Charity Hosp.○	Gen	State	774	661	75	2,445	21,284
Shriners Hospital for Crippled Children○△	Orth	NPAssn	60	60	..	...	194
Tri-State Hospital○△	Gen	Corp	100	79	19	547	4,397
Tallulah, 5,737—Madison							
Tallulah Hospital and Clinic	Gen	Indiv	15	7	4	50	360
Thibodaux, 5,851—La Fourche							
St. Joseph Hospital	Gen	Church	40	13	4	102	1,086
Winnsboro, 2,834—Franklin							
Rogers Clinic and Hospital	Gen	Indiv	12	5	2	41	396
Related Institutions							
Alexandria, 27,056—Rapides							
State Colony and Training School	MeDe	State	825	800	..	....	42
Angola, 18—West Feliciana							
Louisiana State Penitentiary Hospital	Inst	State	21	10	..	...	250
Breaux Bridge, 1,078—St. Martin							
St. Paul Hospital	Gen	Indiv	10	2	1	8	110
Hodge, 1,445—Jackson							
Hodge Clinic	Gen	Indiv	9	4	3	77	366
New Orleans, 494,537—Orleans							
New Orleans Convalescent Home	Conv	NPAssn	32	20	..	...	226
Orleans Tuberculosis Hosp.	TB	NPAssn	100	50	..	...	113
Opelousas, 8,980—St. Landry							
St. Landry Clinic	Gen	Corp	30	24	7	149	883
Winnsboro, 2,834—Franklin							
Winnsboro Sanitarium	Gen	Corp	25	9	3	26	618

Key to symbols and abbreviations is on page 1083

MAINE

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Augusta, 19,360—Kennebec							
Augusta General Hospital	Gen	NPAssn	65	48	15	319	1,479
Augusta State Hospital	Ment	State	1,633	1,535	..	...	188
Bangor, 29,822—Penobscot							
Bangor Sanatorium	TB	NPAssn	20	18	..	...	24
Bangor State Hospital	Ment	State	1,134	1,144	..	...	277
Eastern Maine General Hospital♦△	Gen	NPAssn	213	165	30	190	4,281
Paine Private Hospital	Gen	Indiv	30	13	5	5	240
Stimson Private Hospital	Gen	Indiv	20	8	11	70	387
Bar Harbor, 4,378—Hancock							
Mount Desert Island Hosp.	Gen	NPAssn	58	25	10	74	927
Bath, 10,235—Sagadahoc							
Bath Memorial Hospital○	Gen	Corp	50	34	10	157	959
Belfast, 5,546—Waldo							
Bradbury Memorial Hosp.	Gen	NPAssn	15	4	5	5	96
Waldo County General Hospital△○	Gen	NPAssn	38	24	5	67	610
Biddeford, 19,790—York							
Trull Hospital	Gen	Corp	40	30	10	120	948
Webber Hospital	Gen	NPAssn	54	49	13	227	1,490
Blue Hill, 1,343—Hancock							
Blue Hill Memorial Hospital	Gen	NPAssn	25	9	8	35	295
Boothbay Harbor, 2,121—Lincoln							
St. Andrews Hospital	Gen	Corp	26	8	5	32	281
Brewer, 6,510—Penobscot							
Russell Hospital	Gen	Indiv	13	9	10	187	280
Brunswick, 7,606—Cumberland							
Brunswick Hospital	Gen	Indiv	46	20	6	49	598
Camden, 3,954—Knox							
Camden Community Hosp.	Gen	NPAssn	15	6	6	47	220
Cape Cottage, 50—Cumberland							
Station Hospital♦	Gen	Army	54	42	..	...	842
Caribou, 6,718—Aroostook							
Cary Memorial Hospital	Gen	City	40	17	10	80	670
Castine, 662—Hancock							
Castine Community Hosp.	Gen	NPAssn	12	8	6	57	260
Dover Foxcroft, 4,614—Piscataquis							
Mayo Memorial Hospital	Gen	City	18	10	3	44	410
Eastport, 3,346—Washington							
Quoddy Hospital	Gen	Fed	20	4	1	2	205
Fairfield, 5,294—Somerset							
Central Maine Sanatorium♦	TB	State	208	191	..	...	175
Farmington, 5,743—Franklin							
Franklin County Memorial Hospital△	Gen	NPAssn	49	28	9	171	1,048
Fort Fairfield, 3,457—Aroostook							
Fort Fairfield Clinic	Gen	Corp	18	12	6	47	534
Gardiner, 6,644—Kennebec							
Gardiner General Hospital	Gen	NPAssn	50	25	12	257	908
Greenville Junction, 345—Piscataquis							
Charles A. Dean Hospital	Gen	NPAssn	24	7	5	47	427
Gwenwood Mountain, —Oxford							
Western Maine Sani.♦△	TB	State	150	141	..	...	185
Houlton, 5,771—Aroostook							
Aroostook General Hospital	Gen	NPAssn	40	27	12	116	877
Madigan Memorial Hosp.○	Gen	Church	35	17	7	65	941
Island Falls, 1,570—Aroostook							
Emma V. Milliken Memorial Hospital	Gen	NPAssn	14	8	5	58	378
Lewiston, 38,208—Androscoggin							
Central Maine General Hospital△○	Gen	NPAssn	202	182	28	570	4,023
St. Mary's General Hosp.♦△○	Gen	Church	150	131	15	528	3,210
Mars Hill, 1,886—Aroostook							
Mars Hill Hospital	Gen	Indiv	10	2	3	6	80
Portland, 73,643—Cumberland							
Children's Hospital△	Chil	NPAssn	100	78	..	...	439
Farrington Hospital	Gen	City	186	146	16	126	1,781
Dr. Leighton's Private Hospital	GynOb	Indiv	14	11	12	81	407
Maine Eye and Ear Infirmary○	Gen	NPAssn	100	100	20	454	3,973
Maine General Hospital♦△○	Gen	NPAssn	254	245	27	722	6,629
Queen's Hospital○	Gen	Church	50	45	12	120	858
State Street Hospital○	Gen	Corp	50	44	12	110	1,162
U. S. Marine Hospital♦	Gen	USPHS	72	53	..	...	611
Presque Isle, 7,939—Aroostook							
Northern Maine Sanitarium	TB	State	125	118	..	...	139
Presque Isle General Hosp.	Gen	NPAssn	50	29	10	152	1,087
Rockland, 8,899—Knox							
Knox County General Hospital○	Gen	NPAssn	63	35	7	84	920
Rumford, 10,230—Oxford							
Rumford Community Hospital○	Gen	NPAssn	67	41	8	215	1,459
Sanford, 11,486—York							
Henrietta D. Goodall Hosp.	Gen	NPAssn	42	29	8	93	916
Skowhegan, 7,159—Somerset							
Redington Memorial Hosp.	Gen	NPAssn	30	17	5	32	493
Togus, —Kennebec							
Veterans Admin. Facility♦	Gen	Vet	294	252	..	...	2,055
Waterville, 16,088—Kennebec							
Sisters Hospital♦○	Gen	Church	80	67	17	237	4,413
Thayer Hospital♦	Gen	NPAssn	54	24	6	75	997
Westbrook, 11,687—Cumberland							
Westbrook Hospital	Gen	NPAssn	22	8	7	86	428
Related Institutions							
Auburn, 19,817—Androscoggin							
Auburn Private Hospital	Gen	Indiv	10	3	6	51	140
Bangor, 29,822—Penobscot							
Friendship Hospital	Gen	Indiv	12	4	2	17	247
Gay Private Hospital	N&M	Indiv	18	10	..	...	132

MAINE—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Bar Mills, 300—York							
Buxton-Hollis Hospital	Gen	Indiv	12	...No data supplied			
Eagle Lake, 1,891—Aroostook							
Northern Maine General Hospital	Gen	Church	42	36	..	...	624
Pownal, 575—Cumberland							
Pownal State School	MeDe	State	1,120	1,078	..	...	75
Union, 1,150—Knox							
Jones Sanitarium	N&M	Corp	30	11	..	...	5
Van Buren, 5,280—Aroostook							
Hotel Dieu Hospital	Gen	Church	15	9	4	38	358
York Village, 3,285—York							
York Hospital	Gen	NPAssn	21	6	7	71	267

MARYLAND

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Aberdeen Proving Ground, —Harford							
Station Hospital	Gen	Army	12	3	..	...	192
Annapolis, 10,047—Anne Arundel							
Annapolis Emergency Hospital♦	Gen	NPAssn	85	44	15	293	1,920
U. S. Naval Hospital♦	Gen	Navy	192	79	..	...	1,876
Baltimore, 804,874—Baltimore City							
Baltimore City Hospitals♦○	Gen	City	1,379	1,102	80	2,293	8,389
Baltimore City Psychopathic Hospital	Unit of Baltimore City Hospitals						
Baltimore City Tuberculosis Hospital	Unit of Baltimore City Hospitals						
Baltimore Eye, Ear and Throat Charity Hospital♦△	ENT	NPAssn	60	40	..	...	2 823
Beck Diagnostic Clinic	Gen	Indiv	12	7	..	...	
Bon Secours Hospital♦△○	Gen	Church	150	120	25	676	3,832
Children's Hospital School♦	Orth	NPAssn	130	98	..	...	346
Church Home and Infirmary♦○	Gen	Church	156	111	22	457	3,288
Franklin Square Hosp.♦△○	Gen	NPAssn	300	139	27	644	2,772
Gundry Sanitarium	N&M	Indiv	45	39	..	...	28
Hospital for Women♦△○	Gen	NPAssn	124	90	38	652	2,681
James Lawrence Kernan Hospital and Industrial School for Crippled Children♦△	Orth	NPAssn	103	75	..	...	192
Johns Hopkins Hosp.♦△○	Gen	NPAssn	900	756	72	1,506	16,141
Johnston Memorial Children's Hospital	Unit of Union Memorial Hospital						
Maryland General Hosp.♦△○	Gen	Church	230	200	21	510	5,125
Mercy Hospital♦△○	Gen	Church	291	236	35	720	7,692
Mount Hope Retreat○	N&M	Church	600	576	..	...	107
Phippe Psychiatric Clinic	Unit of Johns Hopkins Hospital						
Presbyterian Eye, Ear and Throat Charity Hospital	ENT	Church	40	8	..	...	1,805
Provident Hospital and Free Dispensary♦△○	Gen	NPAssn	134	98	14	235	1,920
St. Agnes' Hospital♦△○	Gen	Church	220	154	28	504	4,491
St. Joseph's Hospital♦△○	Gen	Church	248	196	33	863	6,150
Sinai Hospital♦△○	Gen	NPAssn	260	209	40	841	5,408
South Baltimore General Hospital♦△○	Gen	NPAssn	153	116	17	320	3,455
Sydenham Hospital○	Iso	City	110	54	..	...	1,211
Union Memorial Hosp.♦△○	Gen	NPAssn	328	227	24	481	6,876
U. S. Marine Hospital♦△	Gen	USPHS	551	422	..	...	5,597
University Hospital♦△○	State		435	360	50	1,359	9,067
West Baltimore General Hospital♦△○	Gen	Corp	134	102	35	603	3,739
Brentwood, 2,455—Prince Georges							
Brentwood Sanatorium	N&M	Corp	38	22	..	...	185
Brunswick, 3,856—Frederick							
Schaufler Hospital	Gen	Indiv	30	13	5	37	432
Cambridge, 10,125—Dorchester							
Cambridge-Maryland Hospital△○	Gen	NPAssn	70	35	15	180	1,034
Eastern Shore State Hosp.	Ment	State	567	452	..	...	180
Catonsville, 7,647—Baltimore							
Hoarleen Lodge	N&M	Indiv	49	37	..	...	136
Spring Grove State Hosp.♦	Ment	State	2,239	2,012	..	...	561
Chestertown, 2,705—Kent							
Kent and Upper Queen Anne's General Hospital	Gen	NPAssn	25	12	6	80	431
Crisfield, 2,958—Somerset							
Edward W. McCready Memorial Hospital	Gen	County	35	17	5	82	519
Crownsville, —Anne Arundel							
Crownsville State Hospital	Ment	State	1,481	1,427	..	...	433
Hospital for Colored Feebleminded Children	Unit of Crownsville State Hospital						
Cumberland, 39,483—Allegany							
Allegany Hospital of the Sisters of Charity♦○	Gen	Church	110	84	35	558	2,753
Memorial Hospital♦○	Gen	CyCo	166	119	26	505	3,860
Easton, 4,538—Talbot							
Emergency Hospital♦○	Gen	NPAssn	125	63	19	207	2,089
Edgewood, 300—Harford							
Station Hospital	Gen	Army	56	23	..	...	753
Elkton, 3,518—Cecil							
Union Hospital of Cecil County	Gen	NPAssn	45	25	9	244	1,043
Fort George G. Meade, —Anne Arundel							
Station Hospital♦	Gen	Army	113	68	5	27	1,382

Key to symbols and abbreviations is on page 1083

V 19

MARYLAND—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Frederick, 15,802—Frederick							
Emergency Hospital	Gen	County	50	30	10	259	610
Frederick City Hospital♣○	Gen	NPAssn	110	59	15	192	2,063
Frostburg, 7,639—Allegany							
Miners Hospital	Gen	State	39	23	10	147	638
Glenn Dale, 305—Prince Georges							
Glenn Dale Sanatorium	See Tuberculosis Sanat., Washington, D. C.						
Hagerstown, 32,491—Washington							
Washington County Hospital♣○	Gen	NPAssn	142	91	24	338	3,162
Havre de Grace, 4,967—Harford							
Harford Memorial Hospital	Gen	NPAssn	42	34	8	112	618
Henryton, 15—Carroll							
Maryland Tuberculosis Sanatorium	TB	State	378	337	..	...	515
Ijamsville, 72—Frederick							
Riggs Cottage Sanitarium	N&M	Indiv	30	28	..	...	38
Laurel, 2,823—Prince Georges							
District Training School	See Washington, D. C.						
Laurel Sanitarium	N&M	Indiv	75	59	..	...	200
Mt. Wilson, 225—Baltimore							
Mt. Wilson Branch, Maryland Tuberculosis Sanat.	TB	State	183	181	..	...	130
Olney, 100—Montgomery							
Montgomery County General Hospital	Gen	NPAssn	40	37	14	188	1,324
Perry Point, 80—Cecil							
Veterans Admin. Facility♣	Ment	Vet	1,200	1,317	..	...	313
Prince Frederick, 200—Calvert							
Calvert County Hospital	Gen	NPAssn	23	12	9	60	516
Reisterstown, 1,655—Baltimore							
"Mt. Pleasant"	TB	NPAssn	60	55	..	...	39
Relay, 2,016—Baltimore							
Relay Sanitarium	Ment	Part	35	23	..	...	102
Rockville, 2,047—Montgomery							
Chestnut Lodge Sanitarium	N&M	Indiv	45	41	..	...	115
Salisbury, 13,315—Wicomico							
Maryland Tuberculosis Sanatorium, Eastern Shore Branch	TB	State	78	72	..	...	105
Peninsula General Hosp.♣○	Gen	NPAssn	93	86	16	358	2,822
Silver Spring, 3,000—Montgomery							
Cedarcroft Sanatorium	N&M	Part	42	35	..	...	185
State Sanatorium, 200—Frederick							
Maryland Tuberculosis Sanatorium	TB	State	510	495	..	...	200
Sykesville, 856—Carroll							
Springfield State Hospital♣○	Ment	State	2,907	2,849	..	...	624
Towson, 2,074—Baltimore							
Aigburth Manor	Nerv	Indiv	21	17	..	...	28
Hospital for Consumptives (Eudowood Sanatorium)	TB	NPAssn	196	187	..	...	213
Sheppard and Enoch Pratt Hospital♣○	N&M	NPAssn	285	280	..	...	385
Westernport, 2,565—Allegany							
Reeves Clinic	Gen	Part	16	6	5	48	414
Related Institutions							
Baltimore, 826,100—Baltimore City							
Baltimore City Jail Hosp.	Inst	City	28	10	..	...	486
Happy Hills Convalescent Home for Children	Conv	NPAssn	80	71	..	...	308
Home for Incurables	Incur	NPAssn	144	144	..	...	49
Maryland Penitentiary Hospital	Inst	State	30	20	..	...	245
Jessups, 161—Anne Arundel							
Maryland House of Correction Hospital	Inst	State	47	18	..	...	569
La Plata, 486—Charles							
Physicians Memorial Hosp.	Gen	County	30	16	7	82	467
Leonardtown, 625—St. Marys							
St. Mary's Hospital	Gen	NPAssn	30	11	6	77	498
Owings Mills, 150—Baltimore							
Rosewood State Training School	MeDe	State	1,200	1,190	..	...	45
Rockville, 2,047—Montgomery							
Christ Child Farm for Convalescent Children	Conv	NPAssn	32	25	..	...	110
Sparrows Point, —Baltimore							
Sparrows Point Hospital	Indus	NPAssn	24	5	..	...	52

MASSACHUSETTS

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Acushnet (New Bedford P.O.), 4,145—Bristol							
Acushnet Hospital	Gen	NPAssn	55	27	17	180	919
Adams, 12,648—Berkshire							
W. B. Plunkett Memorial Hospital♣	Gen	City	50	24	15	200	948
Aldenville (Chicopee Falls P.O.), —Hampden							
Chicopee Hospital	Gen	Indiv	35	12	6	55	350
Amesbury, 10,262—Essex							
Amesbury Hospital♣	Gen	City	30	19	6	121	1,288
Arlington, 40,013—Middlesex							
Ring Sanatorium and Hosp.	N&M	Corp	60	42	..	...	259
Symmes Arlington Hosp.♣○	Gen	NPAssn	80	57	20	173	2,456

MASSACHUSETTS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Attleboro, 22,071—Bristol							
Bristol County Tuberculosis Hospital	TB	County	60	57	..	...	138
Sturdy Memorial Hosp.♣○	Gen	NPAssn	101	57	24	543	1,914
Ayer, 3,572—Middlesex							
Community Memorial Hospital♣	Gen	NPAssn	22	11	7	98	254
Bedford, 3,807—Middlesex							
Veterans Admin. Facility♣	Ment	Vet	1,484	1,244	..	...	333
Belmont, 20,867—Middlesex							
McLean Hospital♣○	N&M	NPAssn	232	208	..	...	193
Beverly, 25,257—Essex							
Beverly Hospital♣○	Gen	NPAssn	141	124	20	513	2,957
Boston, 770,816—Suffolk							
Adams House (Adams Nervine)	Nerv	NPAssn	15	13	..	...	54
Beth Israel Hospital♣○	Gen	NPAssn	215	188	..	...	6,651
Boston City Hospital♣○	Gen	City	2,392	1,580	117	3,177	43,620
Boston Floating Hosp.♣○	Chil	NPAssn	50	37	..	...	1,077
Boston Lying-in Hosp.♣○	Mat	NPAssn	144	118	144	2,620	3,251
Boston Psychopathic Hospital♣○	Ment	State	100	96	..	...	2,171
Boston State Hospital♣	Ment	State	2,439	2,355	..	...	1,165
Carney Hospital♣○	Gen	Church	210	161	30	375	4,021
Channing Home	TB	NPAssn	27	23	..	...	36
Children's Hospital♣○	Chil	NPAssn	283	200	..	...	5,808
Collis P. Huntington Memorial Hospital♣	SkCa	NPAssn	25	14	..	...	1,491
Emerson Hospital	Gen	Corp	67	12	10	60	310
Evangeline Booth Maternity Hospital and Home♣	Mat	Church	70	53	60	446	719
Faulkner Hospital♣○	Gen	NPAssn	145	132	25	565	4,021
Glenside Hospital	N&M	Corp	125	97	..	...	221
Harley Private Hospital♣	Gen	Corp	30	24	21	213	906
House of the Good Samaritan♣	Card	NPAssn	78	77	..	...	207
Infants' Hospital	Chil	NPAssn	45	41	..	...	792
Jewish Memorial Hospital	Gen	NPAssn	70	75	..	...	211
Joseph H. Pratt Diagnostic Hospital♣	IntMed	NPAssn	43	29	..	...	1,539
Long Island Hospital♣	Gen	City	578	556	4	37	1,083
Massachusetts Eye and Ear Infirmary♣○	ENT	NPAssn	223	143	..	...	7,042
Massachusetts General Hospital♣○	Gen	NPAssn	466	394	..	3	7,591
Massachusetts General Hospital, Baker Memorial♣	Gen	NPAssn	284	232	46	478	6,158
Massachusetts General Hospital, Phillips House♣	Gen	NPAssn	102	88	22	269	2,450
Massachusetts Memorial Hospitals♣○	Gen	NPAssn	391	260	38	758	6,935
Massachusetts Women's Hospital♣	Gen	NPAssn	60	41	22	345	1,440
New England Baptist Hospitals○	Gen	NPAssn	250	155	25	215	5,744
New England Deaconess Hospital♣○	Gen	Church	300	283	..	...	7,778
New England Hospital for Women and Children♣○	Gen	NPAssn	185	134	75	1,511	4,029
Palmer Memorial Hospital♣	Unit of New England Deaconess Hospital						
Peter Bent Brigham Hospital♣○	Gen	NPAssn	247	206	..	...	5,348
Robert Breck Brigham Hospital♣	Gen	NPAssn	110	85	..	...	924
Robert Dawson Evans Memorial♣	Unit of Massachusetts Memorial Hospitals						
St. Elizabeth's Hospital♣○	Gen	Church	252	178	50	946	5,604
St. Margaret's Hospital	Gen	Church	75	60	34	660	1,650
St. Mary's Maternity Hosp.	MatCh	Church	62	30	12	136	150
Sanatorium Division of Boston City Hospital♣	TB	City	616	514	1	3	355
U. S. Marine Gen. Hosp.	Gen	USPHS	236	164	..	...	2,976
Vincent Memorial Hospital	Gen	NPAssn	21	14	..	...	206
Brockton, 62,343—Plymouth							
Brockton Hospital♣♣	Gen	NPAssn	126	98	29	449	2,615
Goddard Hospital♣	Gen	Corp	63	53	20	465	1,865
Moore Hospital	Gen	Indiv	22	16	8	85	461
Brookline, 49,786—Norfolk							
Bellevue Hospital	Gen	NPAssn	30	14	6	45	1,210
Bournewood Hospital	N&M	Indiv	14	8	..	...	1
Brooks Hospital♣	Gen	NPAssn	53	45	..	...	1,464
Corey Hill Hospital	Gen	Corp	55	...	..	...	...
Free Hospital for Women♣	Gyn	NPAssn	101	75	..	...	2,574
Trumbull Hospital	Gen	NPAssn	50	33	11	122	1,257
Cambridge, 120,570—Middlesex							
Cambridge City Hosp.♣○	Gen	City	300	221	32	1,080	7,459
Cambridge Hospital♣♣○	Gen	NPAssn	213	161	65	921	5,048
Cambridge Sanatorium	TB	City	85	76	..	...	96
Charlesgate Hospital	Gen	Corp	85	31	10	170	1,335
Chester Hospital	Gen	Corp	40	19	20	198	681
Canton, 6,381—Norfolk							
Massachusetts Hosp. School	Orth	State	316	253	..	...	255
Chelsea, 41,259—Suffolk							
Captain John Adams Hospital at Soldiers' Home♣	Gen	State	261	251	..	...	2,610
Chelsea Memorial Hosp.♣○	Gen	Corp	90	74	25	316	2,014
U. S. Naval Hospital♣○	Gen	Navy	452	308	9	62	3,593
Clinton, 12,440—Worcester							
Clinton Hospital♣○	Gen	NPAssn	63	31	20	243	1,606
Concord, 7,972—Middlesex							
Emerson Hospital♣	Gen	NPAssn	37	19	12	224	841
Valleyhead	Nerv	Indiv	20	13	..	...	162
Danvers, 14,179—Essex							
Hunt Memorial Hospital	Gen	City	20	9	6	63	331

Key to symbols and abbreviations is on page 1083

MASSACHUSETTS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Everett, 46,784—Middlesex							
Whidden Memorial Hosp.▲○	Gen	NPAssn	95	100	20	558	2,712
Fall River, 115,428—Bristol							
Fall River General Hospital	GenTb	City	281	207	..	4	2,817
St. Anne's Hospital○	Gen	Church	130	69	26	331	2,086
Truesdale Hospital♦▲○	Gen	NPAssn	130	89	20	419	3,168
Union Hospital●○	Gen	NPAssn	151	97	30	536	2,908
Fitchburg, 41,824—Worcester							
Burbank Hospital●▲○	Gen	Corp	203	150	33	620	3,690
Lucy Helen Memorial Hosp.	Unit of Burbank Hospital						
Forest Hills (Boston P.O.), —Suffolk							
Forest Hills General Hosp.	Gen	NPAssn	116	65	35	650	2,753
Fort Devens (Ayer P.O.), —Middlesex							
Station Hospital	Gen	Army	99	71	..	...	1,554
Foxboro, 6,303—Norfolk							
Foxboro State Hospital♦▲	Ment	State	1,436	1,415	..	...	295
Framingham, 23,214—Middlesex							
Framingham Union Hospital♦▲○	Gen	NPAssn	130	77	30	578	3,066
Gardner, 20,206—Worcester							
Gardner State Hospital♦▲	Ment	State	1,420	1,394	..	...	154
Henry Heywood Memorial Hospital▲○	Gen	NPAssn	83	61	17	397	2,089
Georgetown, 1,803—Essex							
Baldpate	N&M	Corp	30	25	..	...	129
Gloucester, 24,046—Essex							
Addison Gilbert Hospital▲○	Gen	NPAssn	85	65	15	250	1,796
Great Barrington, 5,824—Berkshire							
Fairview Hospital	Gen	NPAssn	50	27	8	153	839
Greenfield, 15,672—Franklin							
Franklin County Public Hospital▲○	Gen	NPAssn	87	64	22	280	1,741
Groton, 2,550—Middlesex							
Groton Hospital	Gen	Corp	15	9	4	37	335
Hathorne, 171—Essex							
Danvers State Hospital♦▲○	Ment	State	2,409	2,346	..	...	1,057
Haverhill, 46,752—Essex							
Benson Hospital	Gen	Indiv	26	13	2	5	249
Haverhill Municipal Hospitals (Hale)●▲	Gen	City	170	104	28	457	4,786
Haydenville, 1,300—Hampshire							
Hampshire County Sanat.	TB	County	65	62	..	...	40
Holden, 3,924—Worcester							
Holden District Hospital▲	Gen	NPAssn	32	23	6	100	780
Holyoke, 53,750—Hampden							
Holyoke Hospital●▲○	Gen	NPAssn	126	74	24	397	2,557
Providence Hospital●▲○	Gen	Church	168	126	32	596	3,336
Hyannis, 1,800—Barnstable							
Cape Cod Hospital▲	Gen	NPAssn	65	53	15	282	1,713
Ipswich, 6,348—Essex							
Benjamin Stickney Cable Memorial Hospital▲	Gen	NPAssn	23	20	7	140	650
Lawrence, 84,323—Essex							
Bessie Burke Memorial Hosp.	Gen	City	125	90	12	235	2,452
Clover Hill Hospital	Gen	Corp	60	40	20	516	1,541
Lawrence General Hosp.●▲○	Gen	NPAssn	122	88	20	350	3,306
Leominster, 22,226—Worcester							
Leominster Hospital▲○	Gen	NPAssn	61	46	12	216	1,698
Lowell, 101,389—Middlesex							
Lowell General Hospital●▲○	Gen	NPAssn	158	90	30	512	2,975
St. John's Hospital●▲○	Gen	Church	175	129	25	501	3,710
St. Joseph's Hospital●▲○	Gen	Church	113	108	20	465	2,898
Shaw Hospital	Gen	Indiv	18	7	8	63	170
Ludlow, 8,181—Hampden							
Ludlow Hospital	Gen	NPAssn	32	17	14	280	1,037
Lynn, 98,123—Essex							
Lynn Hospital●▲○	Gen	NPAssn	184	154	43	939	5,563
Union Hospital	Gen	NPAssn	53	34	22	521	1,402
Malden, 58,010—Middlesex							
Malden Hospital♦▲○	Gen	NPAssn	239	139	32	818	4,701
Marblehead, 10,856—Essex							
Mary A. Alley Emergency Hospital	Gen	City	15	11	8	54	795
Marlboro, 15,154—Middlesex							
Marlboro Hospital▲	Gen	NPAssn	63	40	22	307	1,378
Medfield, 4,384—Norfolk							
Medfield State Hospital♦▲○	Ment	State	1,568	1,875	..	...	257
Medford, 63,083—Middlesex							
Lawrence Memorial Hosp.▲○	Gen	NPAssn	75	66	34	845	2,415
Melrose, 25,333—Middlesex							
Melrose Hospital▲○	Gen	NPAssn	102	74	23	496	2,217
New England Sanitarium and Hospital▲○	Gen	Church	135	100	17	308	2,466
Middleboro, 9,032—Plymouth							
Lakeville State Sanatorium▲	TB	State	302	274	..	...	239
St. Luke's Hospital	Gen	NPAssn	31	17	15	187	613
Middleton, 2,348—Essex							
Essex Sanatorium▲	TB	County	350	336	..	...	322
Milford, 15,388—Worcester							
Milford Hospital▲○	Gen	NPAssn	61	40	15	386	1,784
Milton, 18,708—Norfolk							
Milton Hospital and Convalescent Home▲	Gen	NPAssn	25	14	6	94	561
Montague City, —Franklin							
Farren Memorial Hospital▲	Gen	Church	74	53	12	194	1,736
Nantucket, 3,401—Nantucket							
Nantucket Cottage Hospital	Gen	NPAssn	23	12	5	48	492
Natick, 13,851—Middlesex							
Leonard Morse Hospital▲	Gen	City	61	26	14	236	1,141
Needham, 12,445—Norfolk							
Glover Memorial Hospital	Gen	City	22	15	10	79	672
New Bedford, 110,341—Bristol							
St. Luke's Hospital●▲○	Gen	NPAssn	294	191	45	983	6,709
Sassaquin Sanatorium▲	TB	NPAssn	116	...No data supplied			
Union Hospital	Gen	Corp	32	26	..	...	840

MASSACHUSETTS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Newburyport, 13,916—Essex							
Anna Jaques Hospital▲	Gen	NPAssn	52	36	10	153	1,106
Worcester Memorial Hosp.▲	Gen	NPAssn	24	10	5	91	420
Newton, 69,873—Middlesex							
New England Peabody Home for Crippled Children▲	TbOr	NPAssn	100	73	..	...	20
Newton Hospital●▲○	GenIso	NPAssn	252	161	52	786	5,575
North Adams, 22,213—Berkshire							
North Adams Hospital▲	Gen	NPAssn	91	44	19	253	1,544
Northampton, 24,794—Hampshire							
Cooley Dickinson Hosp.▲○	Gen	NPAssn	138	86	22	431	3,088
Northampton State Hosp.♦▲	Ment	State	2,173	2,101	..	...	644
Veterans Admin. Facility▲	Ment	Vet	798	786	..	...	132
North Grafton, 2,340—Worcester							
Grafton State Hospital♦▲	Ment	State	1,750	1,549	..	...	307
North Wilmington, 472—Middlesex							
North Reading State Sanatorium♦▲	TbChil	State	297	232	..	...	145
Norwood, 15,383—Norfolk							
Norwood Hospital▲	Gen	NPAssn	93	73	24	442	2,600
Oak Bluffs, 1,584—Dukes							
Martha's Vineyard Hosp.▲	Gen	NPAssn	26	12	10	73	430
Palmer, 9,149—Hampden							
Monson State Hospital♦▲	Epil	State	1,661	1,552	..	...	128
Wing Memorial Hospital▲	Gen	NPAssn	27	15	8	117	1,062
Peabody, 21,711—Essex							
Josiah B. Thomas Hospital	Gen	City	65	31	15	215	956
Pittsfield, 49,684—Berkshire							
Hillcrest Hospital	Gen	NPAssn	42	37	10	132	937
House of Mercy Hospital●▲○	Gen	NPAssn	202	107	33	348	3,525
St. Luke's Hospital●▲○	Gen	Church	156	111	33	630	3,671
Plymouth, 13,100—Plymouth							
Jordan Hospital▲	Gen	NPAssn	65	30	10	168	1,089
Pocasset, 365—Barnstable							
Barnstable County Sanat.	TbIso	County	70	60	..	...	199
Quincy, 75,810—Norfolk							
Quincy City Hospital●▲○	Gen	City	250	221	50	1,053	7,444
Rutland, 2,181—Worcester							
Jewish Tuberculosis Sanat.	TB	NPAssn	30	20	..	...	27
Rutland State Sanat.♦▲	TB	State	370	282	..	...	226
Rutland Heights, —Worcester							
Veterans Admin. Facility▲	GenTb	Vet	468	421	..	...	1,593
Salem, 41,213—Essex							
North Shore Babies' Hosp.▲	Chil	NPAssn	50	34	..	...	473
Salem Hospital●▲○	Gen	NPAssn	156	146	30	659	5,202
Sharon, 3,737—Norfolk							
Sharon Sanatorium	TB	NPAssn	50	31	..	...	44
Somerville, 102,177—Middlesex							
Somerville Hospital▲○	Gen	NPAssn	113	108	30	756	3,524
South Braintree, —Norfolk							
Norfolk County Hospital♦▲	TB	County	168	161	..	...	152
Southbridge, 16,825—Worcester							
Harrington Memorial Hospital▲	Gen	NPAssn	40	22	12	202	853
South Dartmouth, 1,815—Bristol							
Sol-e-Mar Orthopedic Hospital for Children	Orth	NPAssn	40	40	..	...	23
South Hanson, 831—Plymouth							
Plymouth County Hospital	TB	County	140	96	..	...	80
Springfield, 149,554—Hampden							
Health Department Hospitals▲	TbIso	City	100	63	4	...	291
Mercy Hospital●▲○	Gen	Church	315	218	50	1,053	6,399
Shriners Hospital for Crippled Children♦▲	Orth	NPAssn	60	60	..	...	342
Springfield Hospital●▲○	Gen	NPAssn	261	224	4	1	6,270
Wesson Maternity Hosp.▲®	Mat	NPAssn	62	50	66	1,473	1,594
Wesson Memorial Hosp.●▲	Gen	NPAssn	125	75	..	...	2,723
State Farm, 1,532—Plymouth							
Bridgewater State Hospital	Ment	State	962	...	..	882	74
Stockbridge, 1,815—Berkshire							
Austen Riggs Foundation	Nerv	NPAssn	50	22	..	...	245
Taunton, 37,395—Bristol							
Morton Hospital▲	Gen	NPAssn	62	46	12	377	2,894
Taunton State Hospital♦▲®	Ment	State	1,880	1,808	..	...	619
Tewksbury, 6,261—Middlesex							
Tewksbury State Hosp. and Infirmary▲	Gen	State	3,500	2,736	40	101	2,381
Vineyard Haven, 1,500—Dukes							
U. S. Marine Hospital	Gen	USPHS	24	15	..	...	117
Waltham, 40,020—Middlesex							
Metropolitan State Hosp.▲	Ment	State	1,986	1,917	..	...	105
Middlesex County Sanat.♦▲	TB	County	390	337	..	...	342
Waltham Contagious Hosp.	Unit of Waltham Hospital						
Waltham Hospital●▲○	Gen	NPAssn	165	100	53	562	2,791
Ware, 7,557—Hampshire							
Mary Lane Hospital▲	Gen	NPAssn	37	30	13	328	940
Webster, 13,186—Worcester							
Webster District Hospital▲	Gen	NPAssn	30	31	8	248	1,043
Wellesley, 15,127—Norfolk							
Channing Sanitarium	N&M	Corp	35	24	..	...	32
Wiswall Sanatorium	N&M	Indiv	35	22	..	...	38
Westboro, 6,463—Worcester							
Westboro State Hospital♦▲○	Ment	State	1,673	1,640	..	...	565
Westfield, 18,793—Hampden							
Noble Hospital	Gen	NPAssn	85	31	15	229	1,419
Westfield State Sanat.♦▲	TbCancer	State	239	213	..	...	897
Westwood, 3,376—Norfolk							
Westwood Lodge	N&M	Corp	21	15	..	...	28
Weymouth, 23,868—Norfolk							
Weymouth Hospital▲	Gen	NPAssn	70	64	22	639	2,346
Whitinsville, 6,090—Worcester							
Whitinsville Hospital	Gen	NPAssn	25	12	7	160	830
Winchendon, 6,575—Worcester							
Millers River Hospital	Gen	Corp	25	18	8	67	701

Key to symbols and abbreviations is on page 1083

MASSACHUSETTS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Winchester, 15,081—Middlesex							
Winchester Hospital	Gen	NPAssn	65	51	20	314	1,587
Winthrop, 16,768—Suffolk							
Station Hospital▲	Gen	Army	118	68	6	59	432
Winthrop Community Hospital▲	Gen	NPAssn	44	38	20	390	1,363
Woburn, 19,751—Middlesex							
Charles Choate Memorial Hospital▲◇	Gen	NPAssn	43	27	19	249	1,119
Worcester, 195,694—Worcester							
Belmont Hospital◆▲	Tblso	City	250	124	..	...	647
Fairlawn Hospital▲	Gen	NPAssn	50	34	18	194	985
Harvard Private Hospital	Gen	Corp	25	3	5	33	356
Memorial Hospital◆▲◇	Gen	NPAssn	185	152	30	704	3,852
St. Vincent Hospital▲◇	Gen	Church	242	201	25	598	4,777
Worcester City Hosp.◆▲◇	Gen	City	480	375	60	1,382	10,321
Worcester County Sanat.▲	TB	County	130	129	..	...	101
Worcester Hahnemann Hospital▲◇	Gen	NPAssn	111	73	29	526	2,234
Worcester State Hospital◆◇	Ment	State	2,440	2,412	8	8	777
Wrentham, 4,674—Norfolk							
Pondville Hospital at Norfolk◆▲	Cancer	State	147	127	..	...	1,510
Related Institutions							
Andover, 11,122—Essex							
Isham Infirmary	Inst	NPAssn	50	12	..	...	1,017
Baldwinville, 2,380—Worcester							
Hospital Cottages for Children▲	Chil	NPAssn	135	113	..	...	30
Belchertown, 3,305—Hampshire							
Belchertown State School	MeDe	State	1,318	1,284	..	...	86
Boston, 770,816—Suffolk							
Audubon Hospital	Gen	Corp	32	18	5	129	672
Bay State Hospital	Gen	Part	17	10	6	27	411
Boston Home for Incurables	ChOr	NPAssn	56	54	..	...	23
Deer Island Hospital, Suffolk County House of Correction	Inst	CyCo	30	14	..	...	427
Doctors Hospital	Gen	Corp	27	10	10	70	409
Florence Crittenton Home and Hospital	Mat	NPAssn	21	10	33	96	121
New England Home for Little Wanderers	Inst	NPAssn	20	19	6	...	469
Prendergast Preventorium	TB	NPAssn	75	54	..	...	275
Riverbank Hospital	Gen	Indiv	20	2	6	6	104
Talitha Cumi Home	Mat	NPAssn	34	27	18	61	75
Dr. Taylor's Private Hosp.	Drug	Indiv	18	4	..	...	127
Washingtonian Hospital	Alcoh	NPAssn	35	12	..	...	567
Braintree, 16,378—Norfolk							
Braintree Convalescent Hospital	Conv	Indiv	23	23	1	...	25
Brockton, 62,405—Plymouth							
Smith Sunshine Hospital	Conv	Indiv	12	10	..	...	52
Brookline, 49,786—Norfolk							
Board of Health Hospitals▲	Tblso	City	55	30	..	...	44
Cambridge, 110,879—Middlesex							
Holy Ghost Hospital for Incurables	Incur	Church	215	208	..	...	147
Egypt, 340—Plymouth							
Children's Sunlight Hospital	Orth	NPAssn	50	47	..	...	104
Falmouth, 6,878—Barnstable							
High Fields	Conv	NPAssn	22	10	..	...	55
Framingham, 25,214—Middlesex							
Woodside Cottages	Conv	Corp	21	18	..	...	55
Greenfield, 15,672—Franklin							
Greenfield Isolation Hospital	Tblso	City	20	2	..	...	46
Haverhill, 46,752—Essex							
Haverhill City Infirmary	Inst	City	72	70	..	...	103
Haverhill Municipal Hospitals	Iso	City	40	4	..	...	79
Holbrook, 3,320—Norfolk							
Elmhurst Hospital and Sanitarium	Conv	Indiv	15	8	..	...	30
Lowell, 101,389—Middlesex							
Lowell Isolation Hospital	Tblso	City	90	....No data supplied			
Lynn, 98,123—Essex							
Lynn Health Department Hospital	Iso	City	75	11	..	...	159
Marblehead, 10,656—Essex							
Children's Island Sanit.	Conv	NPAssn	94	94	..	...	99
Methuen, 21,826—Essex							
Mary E. McGowan Memorial Hospital	Gen	Corp	28	18	9	240	656
Norfolk, 2,294—Norfolk							
Hospital of Norfolk State Prison Colony▲	Inst	State	75	53	..	...	627
Pittsfield, 49,484—Berkshire							
Pittsfield Anti-Tuberculosis Hospital	TB	NPAssn	14	9	..	...	12
Quincy, 75,810—Norfolk							
Wellington Hospital Home	Conv	Corp	30	30	..	...	37
Salem, 41,213—Essex							
Health Department Hospital for Contagious Diseases	Iso	City	40	8	..	...	129
Somerville, 102,177—Middlesex							
Somerville Contagious Disease Hospital	Iso	City	40	15	..	...	173
Springfield, 149,554—Hampden							
Buscall Nursing Home	Conv	Indiv	25	16	..	...	41
City of Springfield Infirmary	Inst	City	124	90	..	...	429
Swampscott, 10,761—Essex							
Ocean View Hospital	Gen	Part	14	11	13	112	190
Waltham, 40,000—Middlesex							
Teresian Lying-in Hospital	Mat	Indiv	10	6	9	222	219
Waltham Baby Hospital	Chil	NPAssn	22	2	..	...	38
Waverley, —Middlesex							
Walter E. Fernald State School	MeDe	State	1,540	1,926	..	...	95
Wellesley, 15,127—Norfolk							
Convalescent Home of the Children's Hospital	Conv	NPAssn	73	66	..	...	399
Simpson Infirmary of Wellesley College	Inst	NPAssn	20	11	..	...	635
West Concord, 1,851—Middlesex							
Massachusetts Reformatory Hospital	Inst	State	32	7	..	...	1,252
Whitman, 7,750—Plymouth							
Whitman Hospital	Gen	Indiv	15	6	6	25	58
Williamstown, 4,294—Berkshire							
Williams College Infirmary	Inst	NPAssn	21	6	..	...	474
Wrentham, 4,674—Norfolk							
Wrentham State School	MeDe	State	2,075	1,961	..	...	118

MICHIGAN

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Adrian, 14,230—Lenawee							
Emma L. Bixby Hospital	Gen	City	62	33	15	345	1,425
Albion, 8,345—Calhoun							
James W. Sheldon Memorial Hospital	Gen	City	40	14	10	96	607
Allegan, 4,526—Allegan							
Allegan Health Center	Gen	NPAssn	30	...	6	Estab. 1940	
Alma, 7,202—Gratiot							
Carney-Wilcox Hospital	Gen	Part	32	20	7	84	479
R. B. Smith Memorial Hosp.	Gen	NPAssn	27	14	6	130	787
Alpena, 12,868—Alpena							
Alpena General Hospital	Gen	City	55	...	10	Estab. 1940	
Ann Arbor, 29,815—Washtenaw							
Merrywood Neuropsychiatric Hospital	N&M	Church	40	27	..	...	191
St. Joseph's Mercy Hosp.◆◇	Gen	Church	210	111	27	439	3,320
State Psychopathic Hospital	Unit of University Hospital						
University Hospital◆▲◇	Gen	State	1,239	786	55	565	16,525
Bad Axe, 2,924—Huron							
Hubbard Memorial Hospital	Gen	NPAssn	25	20	6	88	576
Battle Creek, 43,453—Calhoun							
American Legion Hospital◆	TB	NPAssn	350	181	..	...	174
Battle Creek Sanitarium▲	Gen	NPAssn	500	134	..	...	2,950
Calhoun County Public Hospital	TB	County	75	54	..	...	71
Community Hospital◇	Gen	NPAssn	100	48	24	654	4,291
Leila Y. Post Montgomery Hospital◇	Gen	Church	144	76	17	299	3,260
Bay City, 47,956—Bay							
Bay City General Hospital▲	Gen	City	73	47	13	309	1,644
Bay City Samaritan Hosp.	Gen	NPAssn	43	24	4	34	1,131
Mercy Hospital▲◇	Gen	Church	119	77	21	394	4,953
Benton Harbor, 16,028—Berrien							
Mercy Hospital▲	Gen	NPAssn	65	49	17	200	1,608
Berrien Center, 241—Berrien							
Berrien County Hospital	Gen	County	60	48	5	35	905
Big Rapids, 4,987—Mecosta							
Community Hospital	Gen	City	33	12	9	104	557
Brighton, 1,353—Livingston							
Melhus Hospital	Gen	Indiv	12	7	4	25	306
Cadillac, 9,855—Wexford							
Mercy Hospital▲	Gen	Church	52	34	15	148	1,234
Calumet, 1,469—Houghton							
Calumet and Hecla Hospital	Indus	NPAssn	21	7	..	...	354
Caro, 3,670—Tuscola							
Caro Community Hospital	Gen	City	16	8	5	133	380
Charlevoix, 2,299—Charlevoix							
Charlevoix Hospital	Gen	NPAssn	32	19	7	85	579
Charlotte, 5,544—Eaton							
Hayes-Green Memorial Hosp.	Gen	CyCo	25	11	6	176	661
Clare, 1,844—Clare							
Clare County General Hosp.	Gen	Indiv	17	11	3	47	418
Coldwater, 7,345—Branch							
Community Health Center	Gen	County	56	19	12	152	866
Crystal Falls, 2,641—Iron							
Crystal Falls Municipal Hospital	Gen	City	17	8	5	60	393
Dearborn, 61,584—Wayne							
St. Joseph's Retreat◆	N&M	Church	361	343	..	...	506
Veterans Admin Facility	Gen	Vet	500	339	..	...	2,525
Detroit, 1,623,452—Wayne							
Alexander Blain Hospital◆▲	Gen	NPAssn	60	47	5	44	1,825
Bethesda Hospital	TB	NPAssn	83	73	..	...	103
Charles Godwin Jennings Hospital◆▲	Gen	NPAssn	78	37	12	139	1,748
Chenik Hospital▲	TB	NPAssn	54	46	..	...	74
Children's Hospital◆▲◇	Chil	NPAssn	229	184	..	...	7,117
City of Detroit Receiving Hospital◆◆▲	Gen	City	646	740	4	19	18,826
City of Detroit Receiving Hospital (Redford Branch)	Gen	City	50	34	2	...	1,844
Cottage Hospital▲	Gen	NPAssn	45	25	13	344	1,501
Delray General Hospital▲	Gen	NPAssn	75	64	18	603	2,998
Detroit Tuberculosis Sanat.▲	TB	NPAssn	150	117	..	...	130

Key to symbols and abbreviations is on page 1083

MICHIGAN—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
East Side General Hospital▲	Gen	NPAssn	80	62	35	867	3,483
Edyth K. Thomas Memorial Hospital	Gen	NPAssn	135	76	17	128	1,334
Evangelical Deaconess Hospital●▲○	Gen	Church	175	125	40	1,175	5,411
Fairview Sanatorium	TB	NPAssn	66	66	..	...	107
Florence Crittenton Hosp.◆▲	Gen	NPAssn	208	99	100	2,163	4,105
Good Samaritan Hospital	TB	NPAssn	29	29	..	...	71
Grace Hospital●◆▲○	Gen	NPAssn	486	391	96	2,314	13,464
Grosse Pointe Hospital	Gen	Indiv	32	13	10	64	434
Harper Hospital●◆▲○	Gen	NPAssn	600	407	85	1,479	17,677
Henry Ford Hospital●◆▲○	Gen	NPAssn	564	418	36	883	12,880
Herman Kiefer Hosp.◆▲⊚	ContagOb	City	1,335	1,045	65	1,010	7,314
Lincoln Hospital▲	Gen	NPAssn	90	72	30	385	1,201
Marr General Hospital	Gen	NPAssn	35	22	12	255	805
Martin Place Hospital	Gen	Indiv	10	6	3	24	170
Michigan Mutual Hospital▲	Indus	NPAssn	42	17	..	...	694
Miriam Memorial Hospital	Unit of Grace Hospital						
Mt. Carmel Mercy Hosp.●▲○	Gen	Church	325	215	60	215	7,409
Parkside Hospital◆▲	Gen	NPAssn	52	28	12	183	1,039
Providence Hospital●◆▲○	Gen	Church	324	270	100	2,585	10,580
St. Aubin General Hospital	Gen	Indiv	48	7	5	18	278
St. Joseph's Mercy Hosp.●▲○	Gen	Church	185	146	30	1,292	5,208
St. Mary's Hospital●▲○	Gen	Church	320	192	55	1,229	6,435
Saratoga General Hospital	Gen	NPAssn	75	38	20	324	1,086
Shurly Hospital◆▲	Gen	Indiv	85	42	1	4	1,234
Station Hospital	Gen	Army	60	44	..	...	513
Trinity Hospital▲	Gen	NPAssn	150	82	22	218	2,087
U. S. Marine Hospital●▲	Gen	USPHS	291	169	..	...	2,381
Warren Diagnostic Hospital	Gen	Indiv	18	10	3	27	261
West Fort Hospital	Gen	Indiv	35	19	..	...	153
Woman's Hospital◆▲⊚	Gen	NPAssn	227	178	100	2,684	7,329
Dowagiac, 5,007—Cass							
Lee Memorial Hospital	Gen	Church	22	11	6	96	485
Durand, 3,127—Shiawassee							
Durand Hospital	Gen	NPAssn	13	8	4	65	295
Eaton Rapids, 3,060—Eaton							
Harriet Chapman Memorial Hospital	Gen	Part	13	4	3	8	160
Edmore, 825—Montcalm							
Edmore Hospital	Gen	Indiv	20	8	5	46	305
Eloise, 710—Wayne							
Eloise Hosp. and Infirmary◆▲	Ment	County	3,065	3,654	..	...	581
	Gen	County	607	4,002	..	...	11,147
	Chr	County	3,616				
William J. Seymour Hospital●◆▲	Acute General Unit of Eloise Hospital and Infirmary						
Escanaba, 14,830—Delta							
St. Francis Hospital	Gen	Church	75	56	20	414	2,570
Flint, 151,543—Genesee							
Hurley Hospital●◆▲○	Gen	City	332	294	50	1,156	10,787
St. Joseph's Hospital▲	Gen	Church	125	104	50	1,112	5,277
Women's Hospital▲	Gen	NPAssn	42	32	25	686	1,206
Ft. Custer, —Kalamazoo							
Veterans Admin. Facility▲	Ment	Vet	1,538	1,058	..	...	393
Fremont, 2,520—Newaygo							
Gerber Memorial Hospital	Gen	City	23	10	5	90	496
Gaylord, 2,055—Otsego							
Northern Michigan Tuberculosis Sanatorium▲	TB	State	130	127	2	2	106
Gladwin, 1,600—Gladwin							
Gladwin Hospital	Gen	Part	10	5	4	62	465
Goodrich, 324—Genesee							
Goodrich General Hospital▲	Gen	NPAssn	26	20	5	91	881
Grand Haven, 8,799—Ottawa							
Grand Haven Municipal Hospital	Gen	City	25	13	8	142	622
Grand Rapids, 164,292—Kent							
Blodgett Memorial Hospital●◆▲○	Gen	NPAssn	132	105	22	601	3,888
Burleson Hospital	Proct	Corp	20	11	..	...	376
Butterworth Hospital●◆▲○	Gen	NPAssn	224	186	48	1,122	7,145
Christian Psychopathic Hospital	N&M	NPAssn	330	270	..	...	234
City General Hospital	Gen	City	22	17	..	...	303
Ferguson-Droste-Ferguson Sanitarium	Proct	Corp	33	18	..	...	905
St. Mary's Hospital●◆▲○	Gen	Church	220	178	35	1,003	6,298
Sunshine Sanatorium	TB	City	126	115	..	...	126
Grayling, 2,124—Crawford							
Mercy Hospital▲	Gen	Church	45	28	5	77	1,048
Greenville, 5,321—Montcalm							
United Memorial Hospital	Gen	NPAssn	19	13	6	101	505
Hamtramck, 49,839—Wayne							
St. Francis Hospital▲	Gen	Church	115	65	28	641	2,636
Hancock, 5,554—Houghton							
St. Joseph's Hospital▲○	Gen	Church	81	49	15	180	1,414
Hart, 1,922—Oceana							
Oceana Hospital	Gen	NPAssn	18	9	4	67	456
Hartford, 1,694—Van Buren							
Van Buren County Hospital	Gen	County	30	25	3	15	350
Hastings, 5,175—Barry							
Pennock Hospital	Gen	NPAssn	32	15	8	177	936
Highland Park, 50,810—Wayne							
Highland Park General Hospital●▲○	Gen	City	165	134	35	894	4,750
Hillsdale, 6,381—Hillsdale							
Hillsdale Community Health Center	Gen	City	49	21	12	166	1,435
Holland, 14,616—Ottawa							
Holland City Hospital	Gen	City	48	27	15	286	1,293
Houghton, 3,693—Houghton							
Copper Country Sanatorium	TB	County	57	56	..	...	68
Howell, 3,748—Livingston							
McPherson Memorial Hosp.	Gen	City	25	13	7	154	557
Michigan State Sanat.◆▲	TB	State	476	381	..	...	227
Ionia, 6,392—Ionia							
Ionia State Hospital	Ment	State	981	975	..	...	177
Iron Mountain, 11,080—Dickinson							
Iron Mountain General Hospital	Gen	NPAssn	28	18	8	158	814
Ironwood, 13,369—Gogebic							
Grand View Hospital▲	GenTb	County	119	91	12	185	1,673
Newport Hospital	Gen	NPAssn	12	9	4	90	258
Twin City Hospital	Gen	Indiv	21	10	4	31	309
Ishpeming, 9,491—Marquette							
Ishpeming Hospital▲	Gen	NPAssn	60	39	10	271	1,192
Jackson, 49,656—Jackson							
W. A. Foote Memorial Hospital●▲○	Gen	City	135	110	21	770	5,613
Jackson County Sanatorium	TB	County	68	67	..	...	50
Mercy Hospital●▲○	Gen	Church	125	69	25	547	2,944
Kalamazoo, 54,097—Kalamazoo							
Borgess Hospital○	Gen	Church	214	113	27	709	4,210
Bronson Methodist Hosp.○	Gen	Church	165	77	20	663	3,527
Fairmount Hospital	TbIso	County	114	57	..	...	196
Kalamazoo State Hospital○	Ment	State	2,815	2,813	..	...	480
Lakeview, 824—Montcalm							
Kelsey Hospital	Gen	Part	20	8	4	91	563
Lansing, 78,753—Ingham							
Edward W. Sparrow Hospital●▲○	Gen	NPAssn	135	124	28	958	4,980
Ingham Sanatorium◆▲	TB	County	130	120	..	...	207
St. Lawrence Hospital●▲○	Gen	Church	169	105	30	808	4,801
Laurium, 3,929—Houghton							
Calumet Public Hospital	Gen	NPAssn	30	17	8	158	1,386
Ludington, 8,701—Mason							
Paulina Stearns Hospital	Gen	NPAssn	22	14	3	120	626
Manistee, 8,694—Manistee							
Mercy Hospital and Sanit.▲	Gen	Church	60	28	8	126	765
Manistique, 5,399—Schoolcraft							
Shaw General Hospital	Gen	Indiv	20	12	10	18	430
Marquette, 15,928—Marquette							
Morgan Heights Sanat.◆▲	TB	County	90	70	..	...	93
St. Luke's Hospital○	Gen	NPAssn	110	72	12	205	2,127
St. Mary's Hospital	Gen	Church	60	43	9	163	927
Marshall, 5,253—Calhoun							
Oaklawn Hospital	Gen	NPAssn	17	10	7	95	489
Mason, 2,867—Ingham							
Corsaut Hospital	Gen	Indiv	12	4	5	50	191
Menominee, 10,230—Menominee							
St. Joseph's Hospital	Gen	Church	55	37	13	311	2,040
Monroe, 18,478—Monroe							
Mercy Hospital▲	Gen	Church	56	44	12	298	1,751
Monroe Hospital	Gen	NPAssn	68	54	16	346	2,726
Morenci, 1,845—Lenawee							
Blanchard Hospital	Gen	Part	14	9	6	39	300
Mt. Clemens, 14,389—Macomb							
St. Joseph Sanitarium and Hospital▲○	Gen	Church	112	80	20	418	2,371
Station Hospital	Gen	Army	83	45	5	31	1,112
Mt. Pleasant, 8,413—Isabella							
McArthur-Strange Hospital	Gen	Part	26	5	6	10	200
Mt. Pleasant Community Hospital	Gen	NPAssn	20	22	4	156	808
Munising, 4,409—Alger							
Munising Hospital	Gen	NPAssn	22	13	4	95	674
Muskegon, 47,697—Muskegon							
Hackley Hospital▲○	Gen	NPAssn	108	85	17	618	2,906
Mercy Hospital◆▲○	Gen	Church	100	70	25	850	2,882
Muskegon County Sanat.▲	TB	County	85	69	..	...	68
Newberry, 2,732—Luce							
Newberry Clinic Hospital	Gen	Part	18	14	7	85	300
Newberry State Hospital	Ment	State	1,343	1,301	..	...	297
Niles, 11,328—Berrien							
Pawating Hospital	Gen	NPAssn	38	22	10	285	1,445
Northville, 3,032—Wayne							
East Lawn Sanatorium	TB	Corp	95	78	..	...	56
Sessions Private Hospital	Gen	Part	23	10	8	126	...
Wm. H. Maybury Sanat. (Detroit Municipal Tuberculosis Sanat.)◆▲	TB	City	843	803	..	...	730
Norway, 3,729—Dickinson							
Penn Iron Mining Company Hospital	Gen	Corp	15	7	5	87	258
Ontonagon, 2,290—Ontonagon							
Ontonagon Hospital	Gen	Indiv	18	10	4	63	482
Oshtemo, 1,620—Kalamazoo							
Pine Crest Sanatorium	TB	Corp	120	111	..	...	80
Owosso, 14,424—Shiawassee							
Memorial Hospital▲	Gen	NPAssn	80	48	15	492	2,135
Paw Paw, 1,910—Van Buren							
Lake View Hospital	Gen	Part	20	...	4	Estab.	1940
Petoskey, 6,019—Emmet							
Little Traverse Hospital	Gen	NPAssn	63	49	5	92	1,257
Lockwood General Hospital	Gen	City	50	30	8	174	1,194
Plainwell, 2,424—Allegan							
Wm. Crispe Hospital	Gen	City	20	11	6	108	553
Pontiac, 66,626—Oakland							
Oakland County Contagious Hospital	Iso	County	85	30	..	...	630
Oakland County Tuberculosis Sanatorium◆▲	TB	County	243	203	..	...	274
Pontiac General Hospital●▲	Gen	City	112	96	22	649	3,775
Pontiac State Hospital◆	Ment	State	2,058	1,983	..	...	455
St. Joseph Mercy Hosp.◆▲○	Gen	Church	155	144	30	1,042	5,067
Port Huron, 32,759—St. Clair							
Port Huron Hospital▲	Gen	NPAssn	120	72	24	329	2,575

Key to symbols and abbreviations is on page 1083

MICHIGAN—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Powers, 258—Menominee							
Pinecrest Sanatorium	TB	Counties	145	125	..	...	133
Reed City, 1,845—Osceola							
Reed City Hospital	Gen	City	30	14	6	85	400
River Rouge, 17,008—Wayne							
Sidney A. Sumby Memorial Hospital	Gen	NPAssn	30	24	5	56	381
Royal Oak, 25,087—Oakland							
Royal Oak Hospital	Gen	Indiv	19	16	4	55	574
Saginaw, 82,794—Saginaw							
County Convalescent Home	Gen	County	26	...	5	...	...
Saginaw County Hospital▲	TbIso	County	175	138	..	...	341
Saginaw General Hosp.*▲○	Gen	NPAssn	129	108	23	676	3,559
St. Luke's Hospital▲	Gen	Church	54	44	15	480	1,811
St. Mary's Hospital*▲○	Gen	Church	165	136	27	716	4,089
St. Johns, 4,422—Clinton							
Clinton Memorial Hospital▲	Gen	NPAssn	54	35	13	185	1,534
St. Joseph, 8,963—Berrien							
St. Joseph Sanitarium	Gen	NPAssn	32	22	12	175	1,203
Sault Ste. Marie, 15,847—Chippewa							
Chippewa County War Memorial Hospital▲	Gen	County	92	74	25	437	2,763
Station Hospital▲	Gen	Army	45	38	..	...	545
South Haven, 4,745—Van Buren							
City Hospital	Gen	City	30	20	6	136	783
Penoyar Memorial Hospital	Gen	Indiv	12	1	6	6	62
Stambaugh, 2,081—Iron							
General Hospital Company of Iron River District	Gen	NPAssn	27	11	6	116	620
Sturgis, 7,214—St. Joseph							
Sturgis Memorial Hospital	Gen	City	40	28	10	267	1,015
Tecumseh, 2,921—Lenawee							
Tecumseh Hospital	Gen	City	24	17	8	130	568
Three Rivers, 6,710—St. Joseph							
Three Rivers Hospital▲	Gen	City	30	18	6	121	831
Traverse City, 14,455—Grand Traverse							
Central Michigan Children's Clinic	Chil	State	26	11	..	...	330
James Decker Munson Hospital▲○	Gen	State	105	65	17	208	1,800
Traverse City State Hospital♦▲○	Ment	State	2,400	2,403	..	...	383
Trimountain, 2,541—Houghton							
Copper Range Hospital	Gen	NPAssn	20	9	5	53	344
Wayne, 4,223—Wayne							
Wayne Clinic	Gen	NPAssn	11	8	5	68	407
Wayne General Hospital	Gen	NPAssn	32	16	9	133	864
West Branch, 1,962—Ogemaw							
Tolfree Memorial Hospital	Gen	City	20	10	5	72	483
Wyandotte, 30,618—Wayne							
Wyandotte General Hosp.▲	Gen	City	160	104	32	918	4,341
Ypsilanti, 12,121—Washtenaw							
Beyer Memorial Hospital	Gen	City	38	26	9	294	946
Hull Memorial City Hospital	Unit of Beyer Memorial Hospital						
Leland Sanatorium▲	TB	NPAssn	135	69	..	...	30
Ypsilanti State Hospital♦	Ment	State	2,970	2,894	..	...	744
Zeeland, 3,007—Ottawa							
Thomas G. Huizinga Memorial Hospital	Gen	NPAssn	14	8	3	61	301

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Adrian, 14,230—Lenawee							
Lenawee County Tuberculosis Sanatorium	TB	County	30	27	..	...	62
Alma, 7,202—Gratiot							
Michigan Masonic Home and Hospital	Inst	NPAssn	45	26	..	...	150
Caro, 3,070—Tuscola							
Caro State Hospital for Epileptics	Epil	State	1,395	1,053	..	...	374
Coldwater, 7,343—Branch							
Coldwater State Home and Training School	MeDe	State	310	234	..	...	5
Crystal Falls, 2,641—Iron							
Iron County Infirmary	Gen	County	14	7	..	...	193
Detroit, 1,623,452—Wayne							
Burns Home Sanitarium	TB	Indiv	78	65	..	...	131
DeNike Sanitarium	Alcoh	Corp	33	8	..	...	125
Doctor's Hospital	Conv	Indiv	40	30	..	...	94
McGregor Health Foundation	Conv	NPAssn	30	16	..	...	140
Mercy General Hospital	Gen	Indiv	46	20	11	31	199
William Booth Memorial Hospital	Mat	Church	53	32	10	389	410
Douglas, 421—Allegan							
Community Hospital	Gen	Indiv	11	4	3	41	158
East Grand Rapids (Grand Rapids P.O.), 4,899—Kent							
O'Keefe Sanitarium	Conv	Corp	25	18	..	...	60
Farmington, 1,510—Oakland							
Children's Hospital Convalescent Home	Conv	NPAssn	240	91	..	...	308
Ferndale, 22,523—Oakland							
Ardmore Hospital	Gen	Indiv	14	7	8	167	310
Flint, 151,543—Genesee							
Genesee County Hospital and Infirmary	Gen	County	100	81	17	171	1,003
Grand Rapids, 164,292—Kent							
Kent County Receiving Hosp.	Ment	County	32	17	..	...	360
Mary Free Bed Guild Convalescent Home and Orthopedic Center	Orth	NPAssn	90	78	10	...	430
Municipal Isolation Hospital	City	Iso	30	14	..	...	257
Salvation Army Evangeline Booth Home and Hospital	Mat	Church	40	30	25	117	155

MICHIGAN—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Hazel Park, —Oakland							
Helene Meinke Hospital	Gen	Indiv	12	6	8	71	313
Ionia, 6,392—Ionia							
Michigan State Reformatory	Inst	State	22	11	..	...	504
Jackson, 49,656—Jackson							
Florence Crittenton Home and Hospital	Mat	NPAssn	25	17	12	53	51
Jackson County Isolation Hospital	Iso	County	35	10	..	1	256
Southern Michigan Prison Hospital	Inst	State	200	108	..	...	3,107
Lansing, 78,753—Ingham							
Boys' Vocational School Hospital	Inst	State	50	6	..	...	477
Lansing City Hospital	Iso	CyCo	48	13	..	...	380
Lapeer, 5,365—Lapeer							
Lapeer City Hospital	Gen	Part	18	7	4	45	411
Lapeer State Home and Training School	MeDe	State	3,938	3,886	..	...	347
Marquette, 15,928—Marquette							
Hospital of the State House of Correction and Branch Prison	Inst	State	24	4	..	...	139
Milan, 2,340—Washtenaw							
Federal Correctional Institution	Inst	Fed	21	12	..	...	375
Mt. Clemens, 14,389—Macomb							
Sigma Gamma Hosp. School	Orth	NPAssn	50	40	..	...	107
Mt. Pleasant, 8,413—Isabella							
Mt. Pleasant State Home and Training School	MeDe	State	335	314	..	...	28
Northville, 3,032—Wayne							
Wayne County Training School	MeDe	County	835	648	..	...	143
Otter Lake, 515—Lapeer							
American Legion Children's Billet	TB	NPAssn	120	120	..	...	285
Plymouth, 5,360—Wayne							
Plymouth Hospital	Gen	Part	10	5	3	50	320
Pontiac, 66,626—Oakland							
Oakland County Infirmary	Inst	County	225	164	..	...	973
Port Huron, 32,759—St. Clair							
Port Huron Emergency Hospital	Iso	City	18	3	6	...	49
Rochester, 3,759—Oakland							
Haven Sanitarium	N&M	Corp	50	32	..	...	151
Romeo, 2,627—Macomb							
Wehenkel Sanatorium	TB	Indiv	40	41	..	...	80
St. Clair, 3,471—St. Clair							
St. Clair Community Hosp.	Gen	City	16	7	5	94	500
Shelby, 1,367—Oceana							
Shelby Hospital	Gen	City	10	6	4	53	223
Stockbridge, 852—Ingham							
Rowe Memorial Hospital	Gen	Part	9	5	3	49	200
Traverse City, 14,455—Grand Traverse							
Grand Traverse County Hospital	Gen	County	20	12	2	34	288
Vicksburg, 1,774—Kalamazoo							
Franklin Memorial Hospital	Gen	City	10	4	2	30	240

MINNESOTA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Ada, 1,938—Norman							
Norman County Memorial Hospital	Gen	NPAssn	11	6	3	58	251
Adrian, 1,006—Nobles							
Adrian Hospital	Gen	NPAssn	14	6	5	94	267
Ah-gwah-ching, 45—Cass							
Minnesota State Sanat.▲	TB	State	480	401	..	...	480
Albert Lea, 12,200—Freeborn							
Naeve Hospital○	Gen	NPAssn	72	58	18	507	3,031
Alexandria, 5,051—Douglas							
Douglas County Hospital▲	Gen	NPAssn	30	11	6	59	346
St. Luke's Hospital	Gen	Indiv	20	10	5	60	384
Appleton, 1,877—Swift							
Kaufman Hospital	Gen	Indiv	20	9	5	34	545
Austin, 18,307—Mower							
St. Olaf Lutheran Hospital	Gen	Church	61	48	20	413	1,685
Battle Lake, 623—Otter Tail							
Otter Tail County Sanat.	TB	County	46	42	..	...	42
Bemidji, 9,427—Beltrami							
Lutheran Hospital▲	Gen	NPAssn	60	38	12	264	1,511
Benson, 2,729—Swift							
Swift County Hospital	Gen	NPAssn	20	10	5	104	511
Biwabik, 1,304—St. Louis							
Biwabik Hospital	Gen	Indiv	12	5	5	68	284
Blue Earth, 3,702—Faribault							
Blue Earth Hospital	Gen	Indiv	10	5	4	54	250
Brainerd, 12,071—Crow Wing							
St. Joseph's Hospital▲	Gen	Church	75	46	15	283	2,011
Breckenridge, 2,745—Wilkin							
St. Francis Hospital▲○	Gen	Church	60	40	10	301	1,638
Buffalo, 1,695—Wright							
Catlin Hospital	Gen	Part	12	2	4	20	101
Canby, 2,099—Yellow Medicine							
John Swenson Memorial Hospital	Gen	City	18	7	5	57	351

Key to symbols and abbreviations is on page 1083

MINNESOTA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Cannon Falls, 1,544—Goodhue							
Mineral Springs Sanatorium	TB	Counties	100	86	..	...	69
Cass Lake, 1,904—Cass							
Cass Lake General Hospital	Gen	NPAssn	20	3	4	34	122
Cass Lake Indian Hospital.	Gen	IA	30	19	4	86	694
Chatfield, 1,640—Fillmore							
Chatfield Hospital	Gen	Part	15	...	3	Estab.	1940
Chisholm, 7,487—St. Louis							
Rood Hospital	Gen	Indiv	12	8	3	68	415
Clarkfield, 965—Yellow Medicine							
Clarkfield Community Hosp.	Gen	Indiv	10	6	4	74	222
Cloquet, 7,304—Carlton							
Fond du Lac Indian Hosp...	Gen	IA	24	18	4	59	437
Raiter Hospital▲	Gen	Indiv	42	16	7	99	884
Crookston, 7,161—Polk							
Bethesda Hospital▲	Gen	Church	40	31	10	143	1,234
St. Vincent's Hospital▲......	Gen	Church	50	35	10	186	1,344
Sunnyrest Sanatorium	TB	Counties	72	64	..	...	65
Crosby, 2,954—Crow Wing							
Miner's Hospital	Gen	Indiv	22	5	6	40	144
Dawson, 1,646—Lac qui Parle							
Dawson Hospital	Gen	Corp	40	13	6	60	499
Deerwood, 570—Crow Wing							
Deerwood Sanatorium	TB	Counties	27	24	..	...	20
Detroit Lakes, 5,015—Becker							
St. Mary's Hospital..........	Gen	Church	21	15	6	153	957
Duluth, 101,065—St. Louis							
Miller Memorial Hospital▲...	Gen	City	50	32	..	...	928
St. Luke's Hospital●♦▲◇....	Gen	NPAssn	237	181	33	955	6,786
St. Mary's Hospital●▲◇.....	Gen	Church	200	198	30	854	6,727
Webber Hospital	Gen	Indiv	38	23	10	168	1,356
Ely, 5,970—St. Louis							
Shipman Hospital	Gen	Part	15	4	6	78	299
Eveleth, 6,887—St. Louis							
More Hospital▲	Gen	Corp	30	15	8	120	614
Fairmont, 6,988—Martin							
Bailey Hospital	Gen	Indiv	11	4	5	41	252
Fairmont Clinic and Hosp..	Gen	Corp	36	12	12	85	543
Gardner Hospital	Gen	Indiv	10	3	4	24	100
Hunt Hospital	Gen	Indiv	12	6	5	47	249
Faribault, 14,527—Rice							
St. Lucas Evangelical Deaconess Hospital◇	Gen	Church	55	44	16	312	1,570
Farmington, 1,580—Dakota							
Sanford Hospital	Gen	Indiv	25	14	4	50	380
Fergus Falls, 10,848—Otter Tail							
Fergus Falls State Hosp.▲..	Ment	State	2,000	1,784	..	...	624
George B. Wright Memorial Hospital▲	Gen	NPAssn	54	30	12	172	1,151
St. Luke's Hospital▲........	Gen	NPAssn	53	26	10	150	920
Fort Snelling, 1,327—Hennepin							
Station Hospital▲	Gen	Army	177	119	8	29	1,719
Fosston, 1,271—Polk							
Fosston Hospital	Gen	Part	12	8	6	95	285
Glenwood, 2,564—Pope							
Glenwood Community Hosp.	Gen	City	27	...	10	Estab.	1940
Graceville, 1,020—Big Stone							
West Central Minnesota Hospital▲	Gen	NPAssn	30	16	5	134	838
Grand Rapids, 4,875—Itasca							
Itasca County Hospital▲....	Gen	County	59	48	15	434	1,881
Granite Falls, 2,388—Yellow Medicine							
Granite Falls Hospital......	Gen	NPAssn	16	9	5	71	411
Riverside Sanatorium	TB	Counties	48	42	..	...	28
Hallock, 1,353—Kittson							
Kittson War Veterans' Memorial Hospital	Gen	NPAssn	31	19	9	98	649
Hendricks, 740—Lincoln							
Hendricks Hospital	Gen	NPAssn	25	18	6	92	1,200
Heron Lake, 852—Jackson							
Southwestern Minnesota Hospital	Gen	Indiv	12	5	3	31	137
Hibbing, 16,385—St. Louis							
Adams Hospital▲	Gen	Indiv	27	12	7	102	901
Rood Hospital▲	Gen	Indiv	40	23	10	231	1,124
Hutchinson, 3,887—McLeod							
Hutchinson Community Hospital	Gen	NPAssn	25	16	8	152	853
Jackson, 2,840—Jackson							
Halloran Hospital	Gen	Indiv	20	13	6	62	250
Lake City, 3,204—Wabasha							
Lake City Hospital..........	Gen	NPAssn	30	16	8	100	678
Lake Park, 654, Becker							
Sand Beach Sanatorium.....	TB	Counties	46	33	..	...	16
Litchfield, 3,920—Meeker							
Litchfield Hospital	Gen	Corp	29	20	6	146	920
Little Falls, 6,047—Morrison							
St. Gabriel's Hospital▲......	Gen	Church	46	25	12	221	1,201
Littlefork, 608—Koochiching							
Littlefork Hospital	Gen	NPAssn	21	10	4	69	402
Luverne, 3,114—Rock							
Luverne Hospital	Gen	NPAssn	15	6	6	134	426
Madison, 2,312—Lac qui Parle							
Ebenezer Lutheran Hospital	Gen	Church	20	12	7	81	446
Mankato, 15,654—Blue Earth							
Immanuel Hospital▲	Gen	Church	75	45	15	281	1,220
St. Joseph's Hospital▲......	Gen	Church	90	49	18	353	1,758
Marshall, 4,590—Lyon							
Marshall Hospital	Gen	NPAssn	30	10	5	45	379
Melrose, 2,015—Stearns							
Melrose Hospital	Gen	Indiv	15	4	4	36	365
Minneapolis, 492,370—Hennepin							
Abbott Hospital▲◇	Gen	Church	140	130	20	575	5,487
Asbury Hospital●▲◇	Gen	Church	120	97	18	559	3,978
Eitel Hospital♦▲◇	Gen	NPAssn	102	101	18	417	4,118

MINNESOTA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Elliott Memorial Hospital...	Unit of University Hospitals						
Fairview Hospital♦▲◇	GenTb	Church	159	109	26	679	4,354
George Chase Christian Memorial Cancer Institute...	Unit of University Hospitals						
Harriet Walker Hospital....	Mat	NPAssn	57	50	35	133	144
Lutheran Deaconess Home and Hospital♦▲◇	Gen	Church	120	111	30	720	4,151
Maternity Hospital▲®	Mat	NPAssn	36	28	43	777	947
Minneapolis General Hospital●♦▲◇	Gen	City	616	481	55	1,404	12,224
Minnesota General Hospital.	See University Hospitals						
Northwestern Hospital●▲◇...	Gen	NPAssn	104	121	16	483	4,330
Ripley Memorial Hospital...	Unit of Maternity Hospital						
St. Andrew's Hospital▲◇.....	Gen	Church	80	46	20	318	1,965
St. Barnabas Hospital●▲◇..	Gen	NPAssn	135	115	30	706	4,093
St. Mary's Hospital●▲◇.....	Gen	Church	220	210	40	1,008	6,609
Shriners Hospital for Crippled Children▲	Orth	NPAssn	60	61	..	...	169
Swedish Hospital●▲◇	Gen	NPAssn	233	230	42	1,271	8,356
Todd Memorial Eye, Ear, Nose and Throat Hospital	Unit of University Hospitals						
University Hospitals●♦▲◇ ..	Gen	State	450	398	25	446	8,785
Veterans Admin. Facility▲..	GenTb	Vet	657	585	..	...	3,898
William Henry Eustis Children's Hospital	Unit of University Hospitals						
Montevideo, 5,220—Chippewa							
Montevideo Hospital	Gen	NPAssn	50	32	10	248	1,511
Moorhead, 9,491—Clay							
St. Ansgars Hospital........	Gen	Church	50	32	10	208	1,174
Moose Lake, 1,432—Carlton							
Moose Lake Community Hospital	Gen	Indiv	12	6	3	64	301
Moose Lake State Hospital.	Ment	State	1,000	750	..	...	415
Morris, 3,214—Stevens							
Morris Hospital	Gen	Indiv	15	10	4	71	350
Mountain Lake, 1,745—Cottonwood							
Bethel Hospital	Gen	Church	23	9	7	110	397
Clinic Hospital	Gen	Part	30	14	..	...	528
New Prague, 1,645—Le Sueur							
New Prague Community Hospital	Gen	NPAssn	20	6	3	83	344
New Ulm, 8,743—Brown							
Loretto Hospital	Gen	Church	45	34	10	143	982
Union Hospital	Gen	NPAssn	60	43	12	187	1,209
Nopeming, 384—St. Louis							
Nopeming Sanatorium♦▲ ...	TB	County	285	260	..	...	285
Northfield, 4,533—Rice							
Northfield City Hospital....	Gen	City	26	13	10	100	417
Oak Terrace, 50—Hennepin							
Glen Lake Sanatorium♦▲®..	TB	County	691	595	..	9	416
Ortonville, 2,469—Big Stone							
Ortonville Evangelical Hosp.	Gen	Church	20	7	4	69	303
Owatonna, 8,694—Steele							
Owatonna City Hospital....	Gen	City	46	24	9	173	1,315
Perham, 1,534—Otter Tail							
St. James' Hospital.........	Gen	Church	40	16	6	155	761
Pine City, 1,718—Pine							
Lakeside Memorial Hospital	Gen	NPAssn	20	11	6	71	485
Pine River, 574—Cass							
Pine River Hospital.........	Gen	Indiv	21	15	5	45	458
Pipestone, 4,682—Pipestone							
Ashton Memorial Hospital..	Gen	CyCo	50	27	8	184	1,380
Pokegama, 50—Pine							
Pokegama Sanatorium	GenTb	NPAssn	42	17	5	27	215
Princeton, 1,865—Mille Lacs							
Northwestern Hospital	Gen	Indiv	25	9	4	43	407
Puposky, 63—Beltrami							
Lake Julia Tuberculosis Sanatorium	TB	Counties	57	53	..	...	65
Redlake, 214—Beltrami							
Redlake Indian Hospital....	Gen	IA	27	16	6	78	718
Red Wing, 9,962—Goodhue							
Red Wing Hospital..........	Gen	City	40	24	6	80	769
St. John's Hospital◇.........	Gen	NPAssn	75	51	15	306	2,169
Redwood Falls, 3,270—Redwood							
Redwood Falls Hospital.....	Gen	Part	15	8	4	51	474
Richmond, 634—Stearns							
Richmond Hospital	Gen	NPAssn	10	4	3	52	312
Rochester, 26,312—Olmsted							
Colonial Hospital▲	Gen	Corp	258	225	..	3	7,515
Kahler Hospital▲◇	Gen	Corp	129	89	..	...	3,244
Rochester State Hospital▲..	Ment	State	1,512	1,476	..	...	589
St. Mary's Hospital▲◇......	Gen	Church	586	493	27	603	12,309
Worrall Hospital▲	SkCaENT	Corp	188	132	..	...	7,362
Roseau, 1,775—Roseau							
Budd Hospital	Gen	NPAssn	25	9	4	44	392
St. Cloud, 24,173—Stearns							
St. Cloud Hospital▲◇.......	Gen	Church	211	145	28	680	4,269
Veterans Admin. Facility▲..	Ment	Vet	1,059	1,053	..	...	282
St. James, 3,400—Watonwan							
St. James Hospital..........	Gen	Church	26	24	10	120	696
St. Paul, 287,736—Ramsey							
Ancker Hospital●♦▲◇	Gen	CyCo	850	620	50	1,006	10,348
Bethesda Hospital●▲◇	Gen	Church	141	112	25	911	4,902
Charles T. Miller Hosp.●▲◇.	Gen	NPAssn	220	164	30	812	6,120
Children's Hospital▲®	Chil	NPAssn	65	33	..	...	1,589
Gillette State Hospital for Crippled Children♦▲®	Orth	State	250	216	..	...	815
Midway Hospital♦▲◇	Gen	Church	100	90	25	646	3,294
Mounds Park Hospital▲◇...	Gen	Church	122	94	12	247	1,984
Northern Pacific Beneficial Association Hospital♦▲ ...	Gen	NPAssn	139	87	11	125	2,861
Ramsey County Tuberculosis Pavilion	Unit of Ancker Hospital						

Key to symbols and abbreviations is on page 1083

MINNESOTA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
St. John's Hospital△	Gen	Church	75	49	15	252	2,117
St. Joseph's Hospital△◇	Gen	Church	248	228	32	844	9,109
St. Luke's Hospital△	Gen	NPAssn	150	....No data supplied			
West Side General Hospital△	Gen	Church	55	44	15	287	1,622
St. Peter, 5,870—Nicollet							
Community Hospital	Gen	City	30	18	12	260	859
St. Peter State Hospital△◇	Ment	State	2,306	2,211	..	....	631
Shakopee, 2,418—Scott							
St. Francis Hospital	Gen	Church	12	6	4	96	240
Shakopee Hospital	Gen	Indiv	15	6	6	31	273
Slayton, 1,567—Murray							
Home Hospital	Gen	NPAssn	25	14	6	81	609
Springfield, 2,261—Brown							
St. John's Hospital	Gen	Church	19	12	5	117	504
Spring Grove, 967—Houston							
Spring Grove Hospital	Gen	Corp	15	6	7	60	237
Staples, 2,283—Todd							
Municipal Hospital	Gen	City	22	9	5	71	410
Starbuck, 972—Pope							
Minnewaska Hospital	Gen	NPAssn	15	12	4	66	337
Stillwater, 7,013—Washington							
Lakeview Memorial Hosp.△	Gen	CyCo	42	34	8	184	1,116
Thief River Falls, 6,019—Pennington							
Mercy Hospital	Gen	NPAssn	24	14	10	198	643
Oakland Park Sanatorium	TB	Counties	65	62	..	....	30
St. Luke's Hospital△	Gen	NPAssn	41	25	6	88	907
Tracy, 3,085—Lyon							
Clinic Hospital	Gen	Part	14	6	5	47	260
Tracy Hospital	Gen	NPAssn	30	15	8	124	600
Two Harbors, 4,046—Lake							
Two Harbors Hospital	Gen	Part	30	20	6	79	703
Tyler, 1,055—Lincoln							
Tyler Hospital	Gen	NPAssn	36	16	10	163	857
Virginia, 12,564—St. Louis							
Virginia Municipal Hospital	Gen	City	100	37	25	317	1,868
Wabasha, 2,208—Wabasha							
Buena Vista Sanatorium	TB	Counties	30	26	..	....	31
St. Elizabeth's Hospital	Gen	Church	50	26	6	98	679
Waconia, 1,315—Carver							
Nagel Hospital	Gen	Indiv	18	6	3	18	211
Wadena, 2,916—Wadena							
Fair Oaks Lodge Sanat.	TB	Counties	36	34	..	....	22
Wesley Hospital△	Gen	Church	43	24	10	192	1,012
Walker, 939—Cass							
Walker Hospital	Gen	Indiv	12	4	4	50	193
Warren, 1,639—Marshall							
Warren Hospital△	Gen	Church	30	13	6	83	638
Warroad, 1,309—Roseau							
Warroad Hospital	Gen	City	16	5	6	48	297
Waseca, 4,276—Waseca							
Waseca Memorial Hospital	Gen	City	26	16	12	175	806
White Earth, 415—Becker							
White Earth Indian Hosp.	Gen	IA	26	20	4	153	819
Willmar, 7,023—Kandiyohi							
Rice Memorial Hospital	Gen	City	35	29	12	304	1,669
Willmar Hospital△	Gen	NPAssn	35	16	4	46	561
Willmar State Hospital	Ment	State	1,450	1,451	..	....	256
Windom, 3,857—Cottonwood							
Windom Hospital	Gen	NPAssn	15	7	5	68	313
Winnebago, 1,892—Faribault							
Winnebago Community Hospital	Gen	Part	11	5	4	63	242
Winona, 22,490—Winona							
Winona General Hospital△	Gen	NPAssn	112	49	17	426	1,708
Worthington, 5,918—Nobles							
Southwestern Minnesota Sanatorium	TB	Counties	54	46	..	....	37
Worthington Clinic Hospital	Gen	Part	27	19	8	182	1,143
Related Institutions							
Anoka, 6,426—Anoka							
Anoka Hospital	Gen	Indiv	10	6	5	63	261
Anoka State Hospital△	Ment	State	1,490	1,439	..	....	101
Bertha, 578—Todd							
Thiel Hospital	Gen	NPAssn	20	10	6	108	484
Braham, 850—Isanti							
Braham Hospital	Gen	Indiv	16	8	4	50	355
Buhl, 1,600—St. Louis							
Range Hospital	Gen	County	44	36	..	....	643
Caledonia, 1,986—Houston							
Caledonia Hospital	Gen	Indiv	15	....No data supplied			
Cambridge, 1,502—Isanti							
Minnesota Colony for Epileptics	MeDe	State	1,108	1,100	..	....	34
Cokato, 1,173—Wright							
Cokato Hospital	Gen	Indiv	12	6	4	57	262
Ellsworth, 600—Nobles							
Ellsworth Hospital	Gen	Indiv	10	3	3	20	97
Ely, 5,070—St. Louis							
Detention Hospital	Iso	City	19	1	..	....	27
Faribault, 14,527—Rice							
Minnesota School for Feebleminded	MeDe	State	2,535	2,460	17	26	250
Greenbush, 526—Roseau							
General Hospital	Gen	Indiv	9	5	3	93	234
Hastings, 5,062—Dakota							
Hastings State Hospital	Ment	State	1,138	1,086	..	....	85
Latto Hospital	Gen	Indiv	20	10	5	45	150
St. Francis Hospital	Gen	Part	18	6	4	37	240
Long Prairie, 2,311—Todd							
Long Prairie Hospital	Gen	Part	18	10	6	32	302
Madelia, 1,652—Watonwan							
Madelia Hospital	Gen	Indiv	13	7	4	77	264

MINNESOTA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Minneapolis, 492,370—Hennepin							
Franklin Hospital△	ChrConv	NPAssn	60	57	..	....	580
Glenwood Hills Hospitals	N&M	NPAssn	36	....	..	....	....
Homewood Hospital	Unit of Glenwood Hills Hospitals						
Lymanhurst Health Center	CardChil	City	40	29	..	....	82
Minneapolis Sanitarium	N&M	Indiv	24	20	..	....	40
Minnesota Soldiers' Home Hospital	Inst	State	85	67	..	....	344
Parkview Sanatorium	Chr	City	175	153	..	....	606
Rest Hospital	N&M	Part	19	17	..	....	181
Vocational Nursing Home	Conv	NPAssn	42	37	..	....	83
Women's Welfare League Home for Convalescents	Conv	NPAssn	25	17	..	....	79
Morris, 3,214—Stevens							
Stevens County Hospital	Gen	NPAssn	20	12	6	80	467
Nicollet, 434—Nicollet							
Nicollet Hospital	Gen	Indiv	10	1	3	19	78
Owatonna, 5,694—Steele							
Minnesota State Public School Hospital	Inst	State	60	12	..	....	645
Pelican Rapids, 1,525—Otter Tail							
Dr. Boysen's Hospital	Gen	Indiv	8	3	4	30	82
Pelican Rapids Hospital	Gen	Indiv	7	3	3	37	92
Pipestone, 4,662—Pipestone							
Pipestone Indian Hospital	Gen	IA	42	30	4	18	277
Red Wing, 9,962—Goodhue							
Minnesota State Training School for Boys	Inst	State	27	20	..	....	1,480
St. Cloud, 24,173—Stearns							
Minnesota State Reformatory Hospital	Inst	State	46	35	..	....	563
St. Paul, 287,736—Ramsey							
Children's Preventorium of Ramsey County	TB	CyCo	80	76	..	....	41
Mrs. Robbins Rest Home	N&M	Indiv	12	10	..	....	16
Salvation Army Booth Memorial Hospital	Mat	Church	75	45	11	142	268
Samaritan Hospital	Gen	NPAssn	96	10	7	145	494
Sauk Centre, 3,016—Stearns							
Long Hospital	Gen	Indiv	8	1	4	23	77
Shakopee, 2,418—Scott							
Mudcura Sanitarium	Conv	Corp	75	24	..	....	1,076
Stillwater, 7,013—Washington							
Minnesota State Prison Hospital	Inst	State	65	27	..	....	665
Wayzata, 1,473—Hennepin							
Minnetonka Hospital	Gen	NPAssn	15	5	3	15	186
Wheaton, 1,709—Traverse							
Wheaton Hospital	Gen	Indiv	15	5	5	40	180

MISSISSIPPI

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Aberdeen, 4,746—Monroe							
Aberdeen Hospital	Gen	NPAssn	25	5	4	22	391
Amory, 3,737—Monroe							
Gilmore Sanitarium◇	Gen	NPAssn	35	17	8	32	693
Biloxi, 17,475—Harrison							
New Biloxi Hospital◇	Gen	NPAssn	42	28	9	181	1,230
Veterans Admin. Facility△	Gen	Vet	207	193	..	....	1,871
Booneville, 1,893—Prentiss							
North East Mississippi Hospital△	Gen	NPAssn	40	18	9	43	800
Brookhaven, 6,226—Lincoln							
Kings Daughters Hospital◇	Gen	NPAssn	35	16	7	74	840
Camp Shelby, 30—Forrest							
Station Hospital	Gen	Army	1,000	....	..	Estab.	1940
Canton, 6,011—Madison							
Kings Daughters Hospital	Gen	NPAssn	43	12	5	35	511
Centreville, 1,163—Wilkinson							
Field Memorial Hospital◇	Gen	Part	20	10	4	56	617
Charleston, 2,100—Tallahatchie							
Tallahatchie Hospital	Gen	Indiv	25	6	2	21	352
Clarksdale, 12,168—Coahoma							
Clarksdale Hospital	Gen	NPAssn	32	6	10	91	563
Cleveland, 4,186—Bolivar							
City Hospital	Gen	City	22	10	4	52	480
Columbia, 6,054—Marion							
Columbia Clinic Hospital◇	Gen	NPAssn	35	21	3	31	1,316
Columbus, 12,045—Lowndes							
Columbus Hospital	Gen	NPAssn	25	6	5	65	362
Doster Hospital◇	Gen	Indiv	35	16	5	25	566
Corinth, 7,818—Alcorn							
Corinth Hospital	Gen	Indiv	18	7	4	61	300
McRae Hospital◇	Gen	NPAssn	50	12	4	31	541
Greenville, 20,802—Washington							
Kings Daughters Hospital△◇	Gen	NPAssn	100	60	14	176	2,380
Greenwood, 14,767—Leflore							
Greenwood-Leflore Hospital◇	Gen	CyCo	55	27	8	148	1,282
Victoria Butler Hospital	Gen	Indiv	20	....No data supplied			
Grenada, 5,831—Grenada							
Grenada General Hospital◇	Gen	Part	55	21	5	72	1,206
Gulfport, 15,195—Harrison							
Kings Daughters Hospital◇	Gen	NPAssn	75	27	7	282	1,435
Veterans Admin. Facility△	Ment	Vet	788	793	..	....	589
Hattiesburg, 21,026—Forrest							
Methodist Hospital◇	Gen	Church	75	42	16	250	2,355
South Mississippi Infirmary△◇	Gen	Indiv	65	30	14	30	985

Key to symbols and abbreviations is on page 1083

MISSISSIPPI—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Houston, 1,729—Chickasaw							
Houston Hospital▲○	Gen	NPAssn	35	18	5	28	911
Indianola, 3,604—Sunflower							
Kings Daughters Hospital	Gen	NPAssn	22	7	3	40	569
Jackson, 62,107—Hinds							
Jackson Infirmary▲○	Gen	NPAssn	74	46	12	291	3,108
Mississippi Baptist Hosp.▲○	Gen	Church	100	120	22	511	6,381
Mississippi State Charity Hospital○	Gen	State	85	64	4	53	1,959
Welch's Sanitarium	N&M	Corp	22	8	..	...	130
Dr. Willis Walley Hospital○	Gen	Indiv	70	12	5	26	790
Kosciusko, 4,291—Attala							
Montfort Jones Hospital	Gen	CyCo	25	15	2	46	809
Lambert, 1,016—Quitman							
Lambert Hospital	Gen	Indiv	12	...	4	...	...
Laurel, 20,598—Jones							
Laurel General Hospital○	Gen	Indiv	50	23	6	273	1,859
South Mississippi Charity Hospital○	Gen	State	80	40	5	96	2,364
Lexington, 2,990—Holmes							
Holmes County Community Hospital	Gen	County	25	10	2	47	624
Lumberton, 1,485—Lamar							
City Hospital	Gen	Indiv	20	8	4	52	342
Macon, 2,261—Noxubee							
Macon Hospital	Gen	NPAssn	25	11	4	23	527
Marks, 1,818—Quitman							
Marks Hospital	Gen	Indiv	20	5	3	94	375
McComb, 9,898—Pike							
McComb City Hospital○	Gen	NPAssn	27	13	4	88	940
McComb Infirmary○	Gen	NPAssn	26	...No data supplied			
Meridian, 35,481—Lauderdale							
Anderson Infirmary○	Gen	NPAssn	45	13	5	91	854
East Mississippi State Hosp.	Ment	State	850	770	..	...	362
Hoye's Sanitarium	N&M	NPAssn	26	12	..	...	223
Matty Hersee Hospital○	Gen	State	80	55	10	118	2,283
Meridian Sanitarium▲○	Gen	Indiv	65	26	15	141	1,710
Riley's Hospital	Gen	Indiv	45	16	4	55	792
Rush's Infirmary▲○	Gen	NPAssn	70	38	6	84	1,959
Morton, 934—Scott							
Scott County Hospital	Gen	Part	21	10	3	55	684
Natchez, 15,296—Adams							
Natchez Charity Hospital○	Gen	State	80	50	14	405	2,462
Natchez Sanatorium○	Gen	Corp	50	...No data supplied			
New Albany, 3,602—Union							
Mayes Hospital	Gen	NPAssn	30	15	2	80	360
New Albany Hospital and Clinic	Gen	NPAssn	10	6	2	38	351
Newton, 1,800—Newton							
Newton Infirmary	Gen	NPAssn	25	8	2	26	472
Oxford, 3,433—Lafayette							
Bramlett Hospital○	Gen	Corp	45	20	6	48	653
Oxford Hospital○	Gen	Indiv	30	23	5	88	1,300
Pascagoula, 5,900—Jackson							
Jackson County Hospital	Gen	County	35	10	6	90	609
Philadelphia, 3,711—Neshoba							
Choctaw-Mississippi Indian Hospital	Gen	IA	35	18	7	62	744
Philadelphia Hospital	Gen	NPAssn	28	18	8	45	713
Picayune, 5,129—Pearl River							
Martin Sanatorium	Gen	Indiv	24	4	2	37	246
Poplarville, 1,064—Pearl River							
Poplarville Hospital	Gen	County	26	11	2	23	812
Sanatorium, 200—Simpson							
Mississippi State Tuberculosis Sanatorium◆▲	TB	State	425	328	..	...	435
Starkville, 4,900—Oktibbeha							
Oktibbeha Hospital	Gen	Indiv	21	7	3	30	344
Tupelo, 8,212—Lee							
North Mississippi Community Hospital▲	Gen	NPAssn	49	29	10	179	2,008
Tylertown, 1,376—Walthall							
Tylertown Hospital	Gen	NPAssn	15	8	2	67	650
Walthall Hospital	Gen	NPAssn	22	9	4	84	584
Union, 1,543—Newton							
Laird's Hospital	Gen	NPAssn	18	14	6	116	633
Vicksburg, 24,460—Warren							
Mississippi State Charity Hospital○	Gen	State	73	62	12	336	3,096
Vicksburg Hospital▲○	Gen	NPAssn	50	38	10	87	1,677
Vicksburg Infirmary▲○	Gen	NPAssn	50	40	4	68	1,782
Vicksburg Sanitarium▲○	Gen	NPAssn	95	48	9	119	2,354
Water Valley, 3,340—Yalobusha							
Water Valley Hospital	Gen	Part	25	6	4	30	434
Whitfield, —Rankin							
Mississippi State Hospital	Ment	State	3,500	3,342	..	...	2,057
Winona, 2,532—Montgomery							
Winona Infirmary▲○	Gen	NPAssn	30	15	2	38	612
Yazoo City, 7,256—Yazoo							
Kings Daughters Hospital	Gen	NPAssn	30	12	3	30	645
Yazoo Clinic and Hospital	Gen	Part	20	..	...*	Estab.	1940

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Baldwyn, 1,279—Lee							
Baldwyn Hospital	Gen	Indiv	10	5	1	16	226
Bay St. Louis, 4,138—Hancock							
Kings Daughters and Sons Hospital	Gen	NPAssn	9	7	6	83	640
Biloxi, 17,475—Harrison							
Jefferson Davis Soldiers Home (Beauvoir Hospital)	Inst	State	50	48	..	...	25
Brandon, 1,184—Rankin							
Brandon Hospital	Gen	Indiv	23	...	2	50	...
Columbia, 6,064—Marion							
Applewhite Hospital	Gen	Indiv	10	5	2	50	180
Ellisville, 2,607—Jones							
Ellisville State School	MeDe	State	372	354	..	...	...
Greenville, 20,892—Washington							
Colored Kings Daughters Hospital	Gen	Indiv	60	40	2	25	850
Greenwood, 14,767—Leflore							
Greenwood Colored Hospital	Gen	Indiv	16	13	2	6	384
Magee, 1,221—Simpson							
Magee General Hospital	Gen	Indiv	28	12	3	59	671
Meridian, 35,481—Lauderdale							
Kings Daughters Tuberculosis Hospital	TB	NPAssn	50	23	..	...	28
Lewis Hospital	Gen	Indiv	12	5	4	26	365
Okolona, 2,117—Chickasaw							
City Hospital	Gen	Indiv	16	5	4	10	128
Pontotoc, 1,832—Pontotoc							
Pontotoc Clinic	Gen	Part	15	4	2	27	231
Raymond, 641—Hinds							
Hinds County Tuberculosis Hospital	TB	County	34	30	..	...	32
Rosedale, 2,063—Bolivar							
Dr. Nobles' Clinic	Gen	Indiv	22	14	..	2	525
Rosedale-Bolivar County Hospital	Gen	City	18	5	3	12	290
Shelby, 1,956—Bolivar							
Hall Clinic and Hospital	Gen	NPAssn	10	3	2	10	125
State College, 226—Oktibbeha							
James Z. George Memorial Hospital▲	Inst	State	44	8	..	...	523
University, 15—Lafayette							
University of Mississippi Hospital	Inst	State	15	5	..	...	451

MISSOURI

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Bonne Terre, 3,730—St. Francois							
Bonne Terre Hospital	Gen	NPAssn	32	20	5	106	811
Boonville, 1,866—Cooper							
St. Joseph's Hospital○	Gen	Church	75	35	14	90	1,094
Brookfield, 6,174—Linn							
Brookfield Hospital	Gen	NPAssn	11	4	3	14	142
Butler, 2,958—Bates							
Butler Memorial Hospital	Gen	Indiv	20	8	4	88	571
California, 2,525—Moniteau							
Latham Sanitarium	Gen	Indiv	33	14	2	2	1,017
Cape Girardeau, 19,426—Cape Girardeau							
St. Francis Hospital▲	Gen	Church	100	57	15	285	2,563
Southeast Missouri Hospital	Gen	NPAssn	70	37	12	171	1,575
Carthage, 10,585—Jasper							
McCune-Brooks Hospital	Gen	City	38	26	6	158	1,487
Cassville, 1,214—Barry							
Barry County Hospital and Clinic	Gen	Indiv	9	5	4	48	314
Clayton, 13,069—St. Louis							
St. Louis County Hosp.*◆▲	Gen	County	175	142	35	585	3,926
Columbia, 18,399—Boone							
Boone County General Hospital▲	Gen	County	48	22	5	106	1,049
Ellis Fischel State Cancer Hospital▲	Cancer	State	85	64	..	...	481
Noyes Hospital	Unit of University Hospitals						
Parker Memorial Hospital	Unit of University Hospitals						
State Hospital for Crippled Children	Unit of University Hospitals						
University Hospitals◆▲○	Gen	State	150	54	8	78	2,983
Excelsior Springs, 4,864—Clay							
Excelsior Springs Sanitarium and Hospital	Gen	Corp	38	12	4	30	334
Veterans Admin. Facility▲	Gen	Vet	252	207	..	...	1,702
Farmington, 3,738—St. Francois							
State Hospital No. 4▲	Ment	State	1,775	1,689	..	...	664
Fayette, 2,608—Howard							
Lee Hospital	Gen	Part	20	12	4	21	480
Fulton, 8,297—Callaway							
Callaway Hospital	Gen	County	30	19	7	119	650
State Hospital No. 1◆▲	Ment	State	2,528	2,506	..	...	567
Hannibal, 20,865—Marion							
Levering Hospital▲	Gen	City	90	44	15	188	1,726
St. Elizabeth's Hospital▲	Gen	Church	75	58	15	271	2,110
Independence, 16,066—Jackson							
Independence Sanitarium and Hospital▲○	Gen	Church	68	52	12	387	2,186
Ironton, 1,083—Iron							
Arcadia Valley Hospital, St. Mary's of the Ozarks	Gen	Church	27	18	5	73	628
Jefferson Barracks, 842—St. Louis							
Station Hospital▲	Gen	Army	177	110	6	19	1,654
Veterans Admin. Facility▲	Gen	Vet	512	439	..	...	3,829
Jefferson City, 24,268—Cole							
St. Mary's Hospital	Gen	Church	100	58	16	257	2,260
Joplin, 37,144—Jasper							
Freeman Hospital	Gen	Church	75	33	10	169	1,654
St. John's Hospital○	Gen	Church	100	70	10	388	2,646
Kansas City, 399,178—Jackson							
Children's Mercy Hosp.◆▲⊗	Chil	NPAssn	145	130	..	...	3,139
Fairmount Maternity Hosp.	Mat	Corp	50	30	24	149	148
Kansas City General Hospital*◆▲○	Gen	City	600	425	40	1,016	11,254

Key to symbols and abbreviations is on page 1083

MISSOURI—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Kansas City General Hospital No. 2◆▲○	Gen	City	208	155	24	399	3,449
Kansas City Municipal Tuberculosis Hospital	TB	City	276	198	..	...	278
Major Clinic	N&M	Indiv	35	13	..	...	140
Menorah Hospital★▲	Gen	NPAssn	132	107	23	355	3,709
Neurological Hospital	N&M	NPAssn	49	28	..	...	330
Ralph Sanitarium	Drug	Indiv	20	7	..	...	130
Research Hospital★▲○	Gen	NPAssn	186	146	25	510	5,271
St. Joseph Hospital★◆▲○	Gen	Church	239	192	38	1,012	6,864
St. Luke's Hospital★◆▲○	Gen	Church	236	199	30	699	5,076
St. Mary's Hospital★◆▲○	Gen	Church	150	142	25	576	4,490
St. Vincent's Hospital	Mat	Church	42	14	35	338	381
Trinity Lutheran Hosp.★▲○	Gen	Church	110	94	24	424	3,256
Wesley Hospital	Gen	Church	50	20	10	47	636
Wheatley-Provident Hosp.◆▲	Gen	NPAssn	67	33	3	50	774
Willows Maternity Sanit.	Mat	Indiv	75	29	75	142	145
Kennett, 6,335—Dunklin							
Presnell Hospital	Gen	Part	17	12	6	40	622
Kirksville, 10,080—Adair							
Grim-Smith Hospital and Clinic	Gen	Corp	36	31	6	59	1,106
Stickler Hospital	Gen	Corp	25	10	5	34	300
Kirkwood, 12,132—St. Louis							
Oakland Park Hospital	N&M	Corp	12	7	..	...	17
U. S. Marine Hospital▲	Gen	USPHS	144	115	..	...	1,402
Koch, 700—St. Louis							
Robert Koch Hospital◆▲	TB	City	703	527	..	...	444
Lamar, 2,902—Barton							
Lamar Hospital	Gen	NPAssn	9	3	3	88	188
Lebanon, 5,025—Laclede							
Louise G. Wallace Hospital	Gen	NPAssn	24	17	5	70	905
Little Blue, 50—Jackson							
Rural Jackson County Emergency Hospital	Gen	County	39	22	8	197	850
Louisiana, 4,669—Pike							
Pike County Hospital	Gen	County	50	23	11	67	884
Marceline, 3,206—Linn							
B. B. Putman Memorial Hospital	Gen	Indiv	10	4	4	20	175
Marshall, 8,533—Saline							
Georgia Brown Blosser Home for Crippled Children	Orth	NPAssn	60	27	..	...	181
John Fitzgibbon Memorial Hospital	Gen	NPAssn	32	12	5	58	691
Maryville, 5,700—Nodaway							
St. Francis Hospital▲	Gen	Church	75	32	12	192	1,352
Mexico, 9,053—Audrain							
Audrain Hospital	Gen	County	50	30	8	126	932
Moberly, 12,920—Randolph							
McCormick Hospital	Gen	Indiv	35	14	5	37	551
Wabash Employes' Hosp.▲	Indus	NPAssn	35	14	..	...	383
Woodland Hospital	Gen	Corp	35	24	5	84	790
Monett, 4,395—Barry							
Dr. William M. West's Hosp.	Gen	Indiv	18	8	3	20	176
Mt. Vernon, 1,982—Lawrence							
Missouri State Sanatorium▲	TB	State	740	723	..	...	774
Neosho, 5,318—Newton							
Sale-Bowman Hospital	Gen	Part	24	6	6	89	659
Nevada, 8,181—Vernon							
Nevada Hospital	Gen	City	27	13	6	67	588
State Hospital No. 3▲	Ment	State	1,930	1,419	..	...	488
Pine Lawn (St. Louis P.O.), —St. Louis							
Tiernon Hospital and Clinic	Gen	Indiv	20	8	4	12	110
Poplar Bluff, 11,163—Butler							
Brandon Hospital	Gen	Indiv	45	15	5	22	490
Lucy Lee Hospital	Gen	Indiv	35	34	11	117	1,225
Poplar Bluff Hospital	Gen	Indiv	70	44	10	93	1,000
Robertson, 500—St. Louis							
Jewish Sanatorium	TB	NPAssn	108	65	..	...	70
Rolla, 5,141—Phelps							
Missouri Trachoma Hosp.	Tach	State	65	14	..	...	159
Nelle McFarland Memorial Hospital	Gen	Indiv	46	27	10	51	825
St. Charles, 10,803—St. Charles							
St. Joseph's Hospital▲	Gen	Church	55	43	10	189	1,512
St. James, 1,812—Phelps							
St. James Hospital	Gen	Indiv	17	5	7	38	145
St. Joseph, 75,711—Buchanan							
Missouri Methodist Hosp.★▲○	Gen	Church	150	100	20	300	3,776
St. Joseph's Hospital★▲○	Gen	Church	148	82	20	397	3,057
State Hospital No. 2◆▲	Ment	State	2,952	2,768	..	...	830
St. Louis, 816,048—St. Louis City							
Alexian Brothers Hosp.◆▲○	Gen	Church	175	108	..	...	1,453
Barnard Free Skin and Cancer Hospital◆▲	SkCancer	NPAssn	44	38	..	...	1,174
Barnes Hospital★◆▲○	Gen	Church	400	301	..	...	10,953
Bethesda General Hospital▲	Gen	NPAssn	100	62	20	257	1,506
Central Hospital	Gen	NPAssn	32	24	11	122	761
Christian Hospital◆▲	Gen	NPAssn	95	55	25	354	2,042
City Isolation Hospital◆▲	TbIso	City	200	100	..	...	1,081
City Sanitarium◆▲	Ment	City	3,500	3,457	..	...	231
De Paul Hospital★◆▲○	Gen	Church	250	210	35	1,049	8,804
Evangelical Deaconess Home and Hospital★▲○	Gen	Church	174	158	35	853	6,325
Faith Hospital	Gen	NPAssn	35	12	6	38	467
Firmin Desloge Hosp.★◆▲○	Gen	Church	223	199	28	779	4,830
Frisco Employes' Hospital▲	Indus	NPAssn	100	47	..	...	1,195
Homer G. Phillips Hospital★◆▲○	Gen	City	685	563	57	1,325	9,008
Jewish Hospital★◆▲○	Gen	NPAssn	250	179	33	561	6,944
Josephine Heitkamp Memorial Hospital▲	Gen	Church	40	30	10	262	1,254
Lutheran Hospital★▲○	Gen	Church	150	107	30	605	4,482

MISSOURI—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Missouri Baptist Hosp.★◆▲○	Gen	Church	400	244	30	412	6,083
Missouri Pacific Hospital▲	Indus	NPAssn	300	125	..	...	4,314
Mt. St. Rose Sanatorium◆▲⊙	TB	Church	135	124	..	...	172
Peoples Hospital▲	Gen	NPAssn	45	27	5	56	815
Robert Koch Hospital	See Koch, Missouri						
St. Ann's Lying-In Hosp.▲	Mat	Church	50	18	35	465	603
St. Anthony's Hospital★▲	Gen	Church	200	147	50	1,213	5,008
St. John's Hospital★▲○	Gen	Church	285	239	34	756	6,593
St. Louis Children's Hospital◆▲⊙	Chil	NPAssn	195	124	..	...	3,547
St. Louis City Hospital★◆▲○	Gen	City	1,000	700	60	1,679	16,178
St. Louis Maternity Hospital◆▲⊙	Mat	NPAssn	98	61	98	1,840	2,139
St. Luke's Hospital★◆▲○	Gen	Church	174	140	32	544	5,073
St. Mary's Hospital★◆▲○	Gen	Church	315	244	30	692	6,433
St. Mary's Infirmary★▲○	Gen	Church	130	75	2*	237	1,814
St. Vincent's Sanitarium▲	N&M	Church	250	223	..	...	188
Shriners Hospital for Crippled Children◆▲	Orth	NPAssn	100	102	..	...	435
Sedalia, 20,428—Pettis							
John H. Bothwell Memorial Hospital▲	Gen	City	60	31	12	232	1,240
Smithville, 772—Clay							
Smithville Community Hospital	Gen	NPAssn	15	8	3	51	395
Springfield, 61,238—Greene							
Burge Hospital▲○	Gen	Church	75	58	10	330	2,187
Medical Center for Federal Prisoners▲	MentTb	Fed	692	657	..	...	522
St. John's Hospital▲○	Gen	Church	100	81	15	397	2,778
Springfield Baptist Hosp.▲○	Gen	NPAssn	90	47	10	157	1,961
Trenton, 7,046—Grundy							
Cullers Hospital	Gen	Indiv	14	...No data supplied			
Wright Memorial Hospital	Gen	NPAssn	17	6	4	30	345
Washington, 6,756—Franklin							
St. Francis Hospital	Gen	Church	40	23	10	146	888
Webb City, 7,033—Jasper							
Jasper County Tuberculosis Hospital	TB	County	115	113	..	...	159
Webster Groves, 18,394—St. Louis							
Glenwood Sanatorium	N&M	Corp	75	42	..	...	92
West Plains, 4,026—Howell							
Christa Hogan Hospital	Gen	Indiv	15	7	1	20	227
Related Institutions							
Independence, 16,066—Jackson							
Vaile Sanitarium	N&M	Corp	31	18	..	...	31
Jefferson City, 24,268—Cole							
Missouri State Penitentiary Hospital▲	Inst	State	250	84	..	...	2,880
Kansas City, 399,178—Jackson							
Cresthaven Convalescent Home	Conv	Indiv	25	13	..	...	50
Florence Crittenton Home	Mat	NPAssn	23	14	8	21	37
Florence Home for Colored Girls	Mat	NPAssn	51	27	6	55	80
Trowbridge Training School for Nervous and Backward Children	MeDe	Indiv	25	14	..	...	18
Liberty, 3,506—Clay							
Missouri Odd Fellows Home Hospital	Inst	NPAssn	85	62	..	...	618
Marshall, 8,533—Saline							
Missouri State School—Epilepsy and Feebleminded	MeDe	State	1,680	1,536	..	...	137
Marthasville, 321—Warren							
Evangelical Emmaus Home for Epileptics and Feebleminded	MeDe	Church	100	98	..	...	7
Mountain Grove, 2,431—Wright							
Ryan Hospital	Gen	Indiv	10	3	3	12	75
Rolla, 5,141—Phelps							
Missouri School of Mines Hospital	Inst	State	14	2	..	...	295
St. Charles, 10,803—St. Charles							
Evangelical Emmaus Home for Epileptics and Feebleminded	MeDe	Church	150	138	..	...	28
St. James, 1,812—Phelps							
State Federal Soldiers Home Hospital	Inst	State	50	30	..	...	155
St. Louis, 816,048—St. Louis City							
Booth Memorial Hospital	Mat	Church	105	34	10	102	167
City Infirmary	Inst	City	95	90	..	...	...
Hospital of Masonic Home	Inst	NPAssn	123	65	..	...	379
Mother of Good Counsel Home and Hospital	Cancer	Church	68	60	..	...	49
St. Louis Training School	MeDe	City	525	469	..	...	29
Sedalia, 20,428—Pettis							
City Hospital No. 2	Gen	City	5	5	..	2	60
Springfield, 61,238—Greene							
City Hospital	Gen	City	25	8	2	84	511
Valley Park, 2,091—St. Louis							
Ridge Farm	Unit of St. Louis Children's Hospital						
Warrensburg, 5,868—Johnson							
Warrensburg Clinic	Gen	Part	10	2	1	14	127
West Plains, 4,026—Howell							
Cottage Hospital	Gen	Indiv	7	2	4	35	78

Key to symbols and abbreviations is on page 1083

MONTANA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Anaconda, 11,604—Deerlodge							
St. Ann's Hospital△	Gen	Church	80	56	15	243	1,130
Billings, 23,261—Yellowstone							
Billings Deaconess Hosp.△◇	Gen	Church	64	51	17	488	2,257
St. Vincent Hospital△◇	Gen	Church	140	98	22	461	3,009
Bozeman, 8,055—Gallatin							
Bozeman Deaconess Hosp.◇	Gen	Church	62	46	13	314	1,877
Browning, 1,825—Glacier							
Blackfeet Hospital	Gen	IA	45	32	8	162	1,052
Butte, 37,081—Silver Bow							
Murray Hospital△	Gen	Corp	100	69	20	320	2,581
St. James Hospital△◇	Gen	Church	147	92	33	544	3,023
Silver Bow County Hosp.	Gen	County	130	116	8	51	416
Choteau, 1,181—Teton							
Choteau Hospital	Gen	Indiv	20	7	4	88	347
Concord, 1,471—Powder							
St. Mary's Hospital	Gen	Church	58	25	10	146	932
Crow Agency, 595—Big Horn							
Crow Indian Hospital	Gen	IA	34	28	7	82	1,120
Deer Lodge, 5,278—Powell							
Montana State Tuberculosis Sanitarium	TB	State	268	235	..	...	207
St. Joseph Hospital	Gen	Church	35	31	10	102	436
Dillon, 3,604—Beaverhead							
Barrett Hospital	Gen	Corp	22	10	6	77	480
Eureka, 912—Lincoln							
Clark's Hospital	Gen	Indiv	9	4	5	15	55
Forsyth, 1,696—Rosebud							
Rosebud Community Hosp.	Gen	Church	30	9	5	35	262
Fort Benton, 1,227—Chouteau							
St. Clare Hospital	Gen	Church	40	38	6	87	1,136
Fort Harrison, 350—Lewis and Clark							
Veterans Admin. Facility△	Gen	Vet	154	129	..	...	869
Fort Missoula (Missoula P.O.), 400—Missoula							
Station Hospital	Gen	Army	43	32	..	...	573
Fort Peck, 4,699—Valley							
Fort Peck Hospital	Gen	Army	28	15	..	...	821
Glasgow, 3,709—Valley							
Frances Mahon Deaconess Hospital	Gen	Church	69	20	12	245	999
Valley County Hospital	Gen	County	17	12	5	84	450
Glendive, 4,534—Dawson							
Dawson County Hospital	Gen	County	30	16	5	50	240
Northern Pacific Hospital△	Gen	NPAssn	60	32	7	85	1,277
Great Falls, 29,928—Cascade							
Columbus Hospital◇	Gen	Church	233	162	59	457	3,905
Montana Deaconess Hosp.◇	Gen	Church	180	111	30	688	3,145
Hamilton, 2,252—Ravalli							
Marcus Daly Memorial Hosp.	Gen	NPAssn	30	...No data supplied			
Hardin, 1,886—Big Horn							
Hardin General Hospital	Gen	Corp	20	9	5	102	320
Harlem, 1,106—Blaine							
Fort Belknap Indian Hospital and Sanitarium	Gen	IA	48	27	8	94	830
Havre, 6,427—Hill							
Kennedy Deaconess Hosp.△	Gen	Church	60	30	14	161	1,745
Sacred Heart Hospital	Gen	Church	75	58	13	195	2,139
Helena, 15,056—Lewis and Clark							
St. John Hospital△◇	Gen	Church	85	46	20	305	1,247
St. Peter's Hospital	Gen	NPAssn	54	26	10	151	1,038
Shodair Crippled Children's Hospital	Orth	NPAssn	25	12	5	...	124
Jordan, 500—Garfield							
Good Samaritan Hospital	Gen	Church	15	10	4	37	136
Kalispell, 8,245—Flathead							
Kalispell General Hospital△	Gen	Church	37	26	10	262	1,575
Lame Deer, 80—Rosebud							
Tongue River Agency Hosp.	Gen	IA	40	23	6	32	646
Lewistown, 5,874—Fergus							
St. Joseph's Hospital△◇	Gen	Church	130	70	16	263	2,210
Libby, 1,837—Lincoln							
Libby General Hospital	Gen	Indiv	16	12	6	90	385
Livingston, 6,642—Park							
Park Hospital	Gen	Indiv	22	13	6	67	494
Miles City, 7,313—Custer							
Miles City Hospital (Holy Rosary Hospital)△◇	Gen	Church	95	55	12	148	1,959
Missoula, 18,440—Missoula							
Northern Pacific Hospital△	Gen	NPAssn	70	40	1	...	1,558
St. Patrick Hospital△◇	Gen	Church	102	79	24	478	3,658
Thornton Hospital△	Gen	Part	35	...No data supplied			
Plentywood, 1,574—Sheridan							
Sheridan Memorial Hospital	Gen	NPAssn	15	9	5	101	387
Poplar, 1,442—Roosevelt							
Fort Peck Indian Agency Hospital	Gen	IA	35	30	6	92	877
Roundup, 2,644—Musselshell							
Musselshell Valley Hospital	Gen	Indiv	20	7	6	52	468
St. Ignatius, 708—Lake							
Holy Family Hospital	Gen	Church	43	25	7	117	991
Sidney, 2,978—Richland							
Sidney Deaconess Hospital	Gen	Church	29	19	6	154	960
Townsend, 1,309—Broadwater							
Broadwater Hospital	Gen	Corp	30	17	6	67	453
Warmsprings, 1,068—Deerlodge							
Montana State Hospital	Ment	State	1,920	1,907	..	...	459
Wolf Point, 1,950—Roosevelt							
Lutheran Trinity Hospital	Gen	NPAssn	20	...	8	Estab. 1940	
Related Institutions							
Billings, 23,261—Yellowstone							
Yellowstone County Hosp.	Gen	County	16	13	3	83	510
Great Falls, 29,928—Cascade							
Detention Hospital	Iso	CyCo	25	7	..	...	87

MONTANA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Helena, 15,056—Lewis and Clark							
Florence Crittenton Home	Mat	NPAssn	19	2	6	37	69
Lewis and Clark County Hospital	InstGen	County	90	52	2	19	250
Lewistown, 5,874—Fergus							
Fergus County Hospital	Gen	County	17	15	4	57	360
Polson, 2,156—Lake							
Hotel Dieu Hospital	Gen	Church	20	12	6	49	376
Scobey, 1,311—Daniels							
Scobey Clinic Hospital	Gen	Indiv	15	7	4	53	206
Shelby, 2,528—Toole							
New Shelby Hospital	Gen	Indiv	20	6	6	73	347
Terry, 1,012—Prairie							
Lutheran Good Samaritan Hospital	Gen	Church	18	7	6	47	257

NEBRASKA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Ainsworth, 1,853—Brown							
Ainsworth Hospital	Gen	Part	18	10	5	139	644
Alliance, 6,258—Box Butte							
St. Joseph's Hospital△◇	Gen	Church	110	68	18	269	2,036
Auburn, 3,639—Nemaha							
Auburn Hospital	Gen	Indiv	18	7	6	55	354
Tushia General Hospital	Gen	Indiv	15	7	5	59	326
Aurora, 2,319—Hamilton							
Aurora Hospital	Gen	Indiv	16	6	6	27	176
Beatrice, 10,883—Gage							
Lutheran Hospital△	Gen	Church	45	23	8	222	918
Mennonite Deaconess Home and Hospital	Gen	Church	30	20	10	167	781
Blair, 3,269—Washington							
Blair Hospital	Gen	Indiv	16	1	4	50	298
Broken Bow, 3,953—Custer							
Broken Bow Hospital	Gen	Indiv	25	9	4	3	275
Burwell, 1,412—Garfield							
Dr. Roy S. Cram's Hospital	Gen	Indiv	10	3	5	31	111
Cambridge, 1,062—Furnas							
Republican Valley Hospital	Gen	Indiv	25	5	2	8	127
Chadron, 4,362—Dawes							
Chadron Municipal Hospital	Gen	City	25	11	7	41	1,381
Columbus, 7,625—Platte							
Lutheran Good Samaritan Hospital	Gen	Church	30	12	5	70	395
St. Mary's Hospital△	Gen	Church	125	27	12	157	980
David City, 2,272—Butler							
David City Hospital	Gen	NPAssn	13	3	4	33	196
Fairbury, 6,304—Jefferson							
Fairbury Hospital	Gen	Indiv	15	9	4	54	350
Falls City, 6,146—Richardson							
Our Lady of Perpetual Help Hospital	Gen	Church	35	11	5	24	437
Fort Crook, 75—Sarpy							
Station Hospital△	Gen	Army	50	32	..	...	693
Genoa, 1,231—Nance							
Genoa Hospital	Gen	Indiv	10	3	4	22	83
Grand Island, 19,130—Hall							
Grand Island Lutheran Hospital	Gen	Church	52	15	8	127	691
St. Francis Hospital△◇	Gen	Church	140	75	16	172	1,754
Hastings, 13,345—Adams							
Mary Lanning Memorial Hospital△◇	Gen	NPAssn	90	50	15	249	1,976
Holdrege, 3,240—Phelps							
Holdrege Hospital	Gen	Indiv	18	8	5	47	334
Imperial, 1,195—Chase							
Imperial Community Hosp.	Gen	NPAssn	14	9	4	141	475
Ingleside, 1,020—Adams							
Hastings State Hospital△◇	Ment	State	1,700	1,738	..	...	381
Kearney, 9,662—Buffalo							
Good Samaritan Hospital	Gen	Church	55	30	12	261	1,317
Hosp. for the Tuberculous	TB	State	195	155	..	...	168
Kimball, 1,725—Kimball							
Pirtl Hospital	Gen	Indiv	10	4	5	58	263
Lexington, 3,698—Dawson							
Lexington Community Hosp.	Gen	Corp	25	9	6	149	399
Lincoln, 81,984—Lancaster							
Bryan Memorial Hosp.◇△◇	Gen	Church	160	67	20	337	1,985
Green Gables, Dr. Benj. F. Bailey Sanatorium	Gen	Corp	120	103	6	13	574
Lincoln General Hospital△◇	Gen	City	284	92	26	400	2,923
Lincoln State Hospital△	Ment	State	1,240	1,237	..	...	139
Nebraska Orthopedic Hospital△	Orth	State	110	92	..	...	871
St. Elizabeth Hospital△◇	Gen	Church	175	109	25	536	3,812
Veterans Admin. Facility△	Gen	Vet	251	224	..	...	2,148
Loup City, 1,675—Sherman							
Loup City Hospital	Gen	Indiv	10	7	4	60	313
Lynch, 487—Boyd							
Sacred Heart Hospital	Gen	Church	18	6	3	32	265
McCook, 6,212—Redwillow							
St. Catherine of Sienna Hospital△	Gen	Church	60	19	10	115	811
Minden, 1,849—Kearney							
Seeley Hospital	Gen	Indiv	12	5	10	65	208
Nebraska City, 7,559—Otoe							
St. Mary's Hospital	Gen	Church	58	31	12	209	1,322
Norfolk, 10,490—Madison							
Lutheran Hospital	Gen	Church	65	30	10	171	1,093
Norfolk State Hospital△◇	Ment	State	1,120	1,081	..	...	155
Our Lady of Lourdes Hosp.	Gen	Church	31	13	8	84	561
Verges Sanitarium	Gen	Indiv	30	21	5	29	246

Key to symbols and abbreviations is on page 1083

NEBRASKA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
North Platte, 12,429—Lincoln							
St. Mary Hospital	Gen	Church	65	31	10	155	1,133
Oakland, 1,380—Burt							
Oakland Community Hosp.	Gen	Indiv	12	5	3	62	267
Omaha, 223,844—Douglas							
Bishop Clarkson Memorial Hospital●◆▲○	Gen	Church	138	100	12	206	3,411
Creighton Memorial St. Joseph's Hospital●◆▲○	Gen	Church	372	235	39	1,055	8,386
Douglas County Hospital◆▲	Gen	County	400	343	15	68	2,646
Douglas County Psychiatric Hospital	Unit of Douglas County Hospital						
Immanuel Deaconess Institute●▲○	Gen	Church	120	93	32	602	3,440
Lutheran Hospital	Gen	Church	100	61	10	227	2,008
Nebraska Methodist Hospital and Deaconess Home●▲○	Gen	Church	160	110	20	446	4,174
Nicholas Senn Hospital	Gen	NPAssn	85	58	15	186	4,308
St. Catherine's Hospital●▲○	Gen	Church	165	82	25	499	3,497
University of Nebraska Hospital●◆▲○	Gen	State	210	171	20	491	3,448
Ord, 2,240—Valley							
Ord Hospital	Gen	Indiv	15	6	2	18	230
Oxford, 1,141—Furnas							
Oxford General Hospital	Gen	Corp	14	6	5	38	246
Pawnee City, 1,647—Pawnee							
Pawnee Hospital	Gen	Indiv	26	13	4	79	584
Pender, 1,135—Thurston							
Logan Valley Hospital	Gen	Indiv	12	5	5	53	229
Scottsbluff, 12,057—Scotts Bluff							
Fairacres Hospital	Gen	Indiv	30	27	6	177	1,116
West Nebraska Methodist Episcopal Hospital○	Gen	Church	50	32	12	221	1,407
Seward, 2,826—Seward							
Seward Clinic Hospital	Gen	Part	25	8	8	36	422
Seward Hospital	Gen	Indiv	15	4	6	45	186
Sidney, 3,388—Cheyenne							
Roche Hospital	Gen	Indiv	18	7	5	52	380
Taylor Hospital	Gen	Part	18	8	5	92	429
Stromsburg, 1,127—Polk							
Stromsburg Hospital	Gen	Indiv	8	4	2	16	161
Stuart, 760—Holt							
Wilson Hospital	Gen	Indiv	20	10	3	56	355
Valentine, 2,188—Cherry							
General Hospital	Gen	Indiv	15	8	5	54	434
Wahoo, 2,648—Saunders							
Community Hospital	Gen	Indiv	20	11	10	85	508
Winnebago, 800—Thurston							
Winnebago Indian Hospital	Gen	IA	61	39	9	85	910
York, 5,383—York							
Lutheran Hospital	Gen	Church	60	19	10	125	781

Related Institutions

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Beatrice, 10,883—Gage							
Nebraska Institution for Feebleminded	MeDe	State	1,717	1,450	..	...	165
Beemer, 585—Cuming							
Beemer Hospital	Gen	Indiv	10	1	2	9	72
Dalton, 358—Cheyenne							
Pioneer Memorial Hospital	Gen	Indiv	10	3	3	43	231
Farnam, 346—Dawson							
Reeves Memorial Hospital	Gen	Indiv	10	2	4	20	479
Friend, 1,169—Saline							
Warren Memorial Hospital	Gen	City	12	4	4	57	122
Geneva, 1,888—Fillmore							
Geneva General Hospital	Gen	Indiv	20	...No data supplied			
Genoa, 1,231—Nance							
Emergency Hospital	Gen	Part	6	2	3	35	99
Hebron, 1,909—Thayer							
Blue Valley Hospital	Gen	Indiv	20	7	5	48	462
Kimball, 1,725—Kimball							
Kimball Hospital	Gen	Part	10	4	4	25	231
Lincoln, 81,984—Lancaster							
Nebraska State Penitentiary Hospital	Inst	State	24	5	..	...	720
Milford, 750—Seward							
Nebraska Industrial Home	Inst	State	9	6	12	53	54
Odell, 404—Gage							
Odell General Hospital	Gen	Indiv	11	7	5	48	250
Omaha, 223,844—Douglas							
City Emergency Hospital	Iso	City	40	5	..	...	95
Salvation Army Booth Memorial Hospital	Mat	Church	71	37	18	97	98
Orchard, 493—Antelope							
Orchard Hospital	Gen	Indiv	10	1	3	9	69
Plainview, 1,411—Pierce							
Plainview General Hospital	Gen	NPAssn	8	2	1	28	229
Stratton, 630—Hitchcock							
Stewart Hospital	Gen	Indiv	12	5	3	30	166
Sutherland, 862—Lincoln							
Sutherland Hospital	Gen	NPAssn	8	4	4	25	117
Sutton, 1,403—Clay							
Sutton Hospital	Gen	Indiv	12	3	2	23	172
Tecumseh, 2,104—Johnson							
Tecumseh Hospital	Gen	Indiv	12	5	3	22	141
Tilden, 984—Madison							
Tilden Hospital	Gen	Indiv	10	3	3	14	147
Walthill, 1,204—Thurston							
Dr. Picotte Memorial Hosp.	Gen	Indiv	14	6	4	17	66
Westpoint, 2,510—Cuming							
St. Joseph Home and Hospital	InstGen	Church	16	10	4	53	416

NEVADA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Caliente, 1,400—Lincoln							
Lincoln County Hospital	Gen	County	15	8	4	44	243
East Ely, 600—White Pine							
Steptoe Valley Hospital▲	Gen	NPAssn	40	18	7	84	319
Elko, 4,094—Elko							
Elko General Hospital▲	Gen	County	50	22	8	120	689
Ely, 4,140—White Pine							
White Pine County and General Hospital	Gen	County	50	...No data supplied			
Las Vegas, 8,422—Clark							
Las Vegas Hospital	Gen	Corp	31	25	11	147	1,167
Reno, 21,317—Washoe							
Nevada State Hospital for Mental Diseases	Ment	State	340	345	..	...	94
St. Mary's Hospital▲	Gen	Church	75	59	15	253	1,934
Veterans Admin. Facility	Gen	Vet	26	17	..	...	246
Washoe General Hospital	Gen	County	200	161	20	373	2,569
Schurz, 75—Mineral							
Walker River Indian Hosp.	Gen	IA	34	24	3	42	396
Stewart, 412—Ormsby							
Carson Indian Hospital	Gen	IA	32	23	5	26	406
Tonopah, 2,485—Nye							
Tonopah Mines Hospital	Gen	NPAssn	20	10	3	35	280
Winnemucca, 2,485—Humboldt							
Humboldt County General Hospital	Gen	County	50	27	8	80	900

Related Institutions

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Hawthorne, 750—Mineral							
Mineral County Hospital	Gen	County	14	14	3	25	165
Owyhee, 25—Elko							
Western Shoshone Hospital	Gen	IA	27	15	4	25	472
Stewart, 412—Ormsby							
Carson Indian School Hosp.	Inst	IA	34	10	..	...	341
Yerington, 964—Lyon							
Lyon County Hospital	Gen	County	16	12	1	10	60

NEW HAMPSHIRE

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Berlin, 19,084—Coos							
St. Louis Hospital▲○	Gen	Church	87	54	16	186	1,625
Claremont, 12,144—Sullivan							
Claremont General Hosp.▲	Gen	NPAssn	59	28	11	146	1,051
Concord, 27,171—Merrimack							
Margaret Pillsbury General Hospital●▲○	Gen	NPAssn	105	69	18	258	2,122
New Hampshire Memorial Hospital▲○	Gen	NPAssn	51	31	14	257	972
New Hampshire State Hospital◆▲○	Ment	State	2,343	2,225	..	...	644
Dover, 14,990—Strafford							
Wentworth Hospital▲○	Gen	City	69	44	15	242	1,460
East Derry, 380—Rockingham							
Alexander-Eastman Hospital	Gen	NPAssn	23	9	5	68	353
Epping, 1,618—Rockingham							
Mitchell Memorial Hospital▲	Gen	County	42	30	6	126	676
Exeter, 5,398—Rockingham							
Exeter Hospital▲	Gen	NPAssn	65	32	19	243	1,192
Franklin, 6,749—Merrimack							
Franklin Hospital	Gen	NPAssn	48	30	12	150	840
Glencliff, 118—Grafton							
New Hampshire State Sanatorium	TB	State	140	108	..	...	64
Grasmere, 200—Hillsboro							
Hillsborough County General Hospital○	Gen	County	124	100	18	290	1,939
Hanover, 3,425—Grafton							
Mary Hitchcock Memorial Hospital●◆▲○	Gen	NPAssn	178	128	18	309	4,686
Keene, 13,832—Cheshire							
Elliot Community Hosp.▲○	Gen	NPAssn	85	64	15	320	2,173
Laconia, 13,484—Belknap							
Laconia Hospital▲○	Gen	NPAssn	80	62	25	301	1,977
Lancaster, 3,095—Coos							
Lancaster Hospital	Gen	NPAssn	18	15	6	80	460
Littleton, 4,571—Grafton							
Littleton Hospital	Gen	NPAssn	50	18	8	103	649
Manchester, 77,685—Hillsboro							
Balch Hospital	Unit of Elliot Hospital						
Elliot Hospital◆▲○	Gen	NPAssn	120	84	32	471	2,188
Lucy Hastings Hospital	Gen	NPAssn	25	14	6	9	218
Notre-Dame de Lourdes Hospital▲○	Gen	Church	93	65	15	269	1,947
Our Lady of Perpetual Help Maternity Hospital	Unit of Sacred Heart Hospital						
Sacred Heart Hospital▲○	Gen	Church	112	77	21	315	2,224
Nashua, 32,927—Hillsboro							
Nashua Memorial Hosp.▲○	Gen	NPAssn	84	62	16	272	1,808
St. Joseph's Hospital▲○	Gen	Church	92	51	13	294	1,890
New London, 1,039—Merrimack							
New London Hospital	Gen	NPAssn	20	10	6	66	348
Newport, 5,304—Sullivan							
Carrie F. Wright Hospital	Gen	NPAssn	23	14	8	72	337
North Conway, 1,600—Carroll							
Memorial Hospital	Gen	NPAssn	37	28	10	118	770
Pembroke (Suncook P.O.), 2,769—Merrimack							
Pembroke Sanatorium	TB	Corp	160	78	..	...	100

Key to symbols and abbreviations is on page 1083

NEW HAMPSHIRE—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Peterborough, 2,470—Hillsboro							
Peterborough Hospital	Gen	NPAssn	30	20	9	99	688
Plymouth, 2,533—Grafton							
Emily Balch and Soldiers and Sailors Memorial Hospital	Gen	NPAssn	31	24	7	110	652
Portsmouth, 14,821—Rockingham							
Portsmouth Hospital▲	Gen	NPAssn	92	52	18	298	2,092
U. S. Naval Hospital▲	Gen	Navy	152	43	..	...	578
Rochester, 12,012—Strafford							
Frisbie Memorial Hospital	Gen	NPAssn	28	23	8	270	1,252
Whitefield, 1,834—Coos							
Morrison Hospital	Gen	NPAssn	56	11	8	38	207
Wolfeboro, 2,636—Carroll							
Huggins Hospital▲	Gen	NPAssn	36	27	6	124	918
Woodsville, 1,500—Grafton							
Cottage Hospital	Gen	NPAssn	28	10	8	110	494
Related Institutions							
Epping, 1,618—Rockingham							
Rockingham County Farm Hospital	Inst	County	67	48	..	...	82
Exeter, 5,398—Rockingham							
Lamont Infirmary	Inst	NPAssn	53	8	..	...	576
Laconia, 13,484—Belknap							
Laconia State School	MeDe	State	616	622	..	...	68
Lebanon, 7,590—Grafton							
Alice Peck Day Memorial Hospital	Gen	NPAssn	18	9	8	109	384
Manchester, 77,685—Hillsboro							
Manchester Isolation Hosp.	Iso	City	67	5	..	...	66
Portsmouth, 14,821—Rockingham							
Mark H. Wentworth Home for Chronic Invalids	Incur	NPAssn	51	49	..	...	14
West Stewartstown, 350—Coos							
Coos County Hospital	Gen	County	42	35	5	63	386
Woodsville, 1,500—Grafton							
Grafton County Hospital	InstGen	County	32	30	4	22	327

NEW JERSEY

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Allentown, 706—Monmouth							
Dr. Farmer's Private Hosp.	Gen	Indiv	25	12	5	46	519
Allenwood, 166—Monmouth							
Allenwood Sanatorium and Monmouth County Hospital for Tuberculosis	TB	County	100	94	..	...	103
Atlantic City, 64,094—Atlantic							
Atlantic City Hospital●♦▲○	Gen	NPAssn	260	190	40	924	5,563
Children's Seashore House at Atlantic City for Invalid Children	Orth	NPAssn	375	187	..	...	2,235
Municipal Hospital	Iso	City	40	4	..	...	80
Bayonne, 79,198—Hudson							
Bayonne Hospital and Dispensary●♦▲○	Gen	NPAssn	220	169	30	582	4,863
Swiney Sanatorium	Gen	Indiv	16	5	6	52	246
Beach Haven, 746—Ocean							
Seashore Branch of Babies' Hospital	Unit of Babies' Hospital, Philadelphia, Pa.						
Bellemead, 51—Somerset							
Belle Mead Sanatorium and Farm	N&M	Corp	65	46	..	...	116
Belleville, 28,167—Essex							
Essex County Hospital for Contagious Diseases♦▲◎	Iso	County	540	181	..	...	4,121
Bernardsville, 3,405—Somerset							
Shannon Lodge	Conv	Corp	30	14	..	...	125
Bound Brook, 7,616—Somerset							
Bound Brook Hospital▲	Gen	NPAssn	40	18	10	54	692
Bridgeton, 15,992—Cumberland							
Bridgeton Hospital▲	Gen	NPAssn	89	53	16	303	1,710
Browns Mills, 313—Burlington							
Deborah Sanatorium	TB	NPAssn	64	60	...	..	86
Camden, 117,536—Camden							
Belleview Hospital	Gen	NPAssn	32	15	9	316	800
Cooper Hospital●♦▲○	Gen	NPAssn	315	251	60	1,529	6,771
Marion Childs Hospital for Children	Unit of West Jersey Homeopathic Hospital						
West Jersey Homeopathic Hospital●▲○	Gen	NPAssn	277	146	53	1,161	5,216
Cedar Grove, 1,887—Essex							
Essex County Hospital▲○	Ment	County	2,545	2,434	..	...	546
Dover, 10,491—Morris							
Dover General Hospital▲	Gen	NPAssn	83	55	21	421	1,981
Dumont, 7,556—Bergen							
Dumont Private Hospital	Gen	Indiv	11	3	5	21	158
East Orange, 68,945—Essex							
East Orange General Hospital●▲○	Gen	NPAssn	120	84	30	543	2,946
Elizabeth, 109,912—Union							
Alexian Brothers Hosp.●▲	Gen	Church	160	129	..	...	2,523
Elizabeth General Hospital and Dispensary●▲○	Gen	NPAssn	226	177	33	1,025	6,314
St. Elizabeth Hospital●▲○	Gen	Church	218	163	44	974	4,343
Englewood, 18,966—Bergen							
Englewood Hospital●▲○	Gen	NPAssn	196	161	42	974	4,790

NEW JERSEY—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Fort Dix, —Burlington							
Station Hospital▲	Gen	Army	450	61	..	1	1,865
Fort Hancock,—Monmouth							
Station Hospital	Gen	Army	175	13	2	...	523
Franklin, 4,009—Sussex							
Franklin Hospital▲	Gen	NPAssn	26	14	6	93	457
Glen Gardner, 536—Hunterdon							
New Jersey Sanatorium for Tuberculous Diseases♦▲	TB	State	475	443	..	...	342
Grenloch, 255—Camden							
Camden County General Hospital	Gen	County	160	163	..	...	1,328
Camden County Hospital for Mental Diseases	Ment	County	725	770	..	...	181
Lakeland Sanatorium◎	TB	County	245	208	..	...	178
Greystone Park, —Morris							
New Jersey State Hosp.♦▲○	Ment	State	5,400	5,437	..	...	1,330
Hackensack, 26,279—Bergen							
Hackensack Hospital●▲○	Gen	NPAssn	250	251	42	1,297	8,918
Hasbrouck Heights, 6,716—Bergen							
Hasbrouck Heights Hospital	Orth	NPAssn	31	21	..	...	529
Hoboken, 50,115—Hudson							
St. Mary Hospital●▲○	Gen	Church	375	261	25	486	6,695
Irvington, 55,328—Essex							
Irvington General Hospital▲	Gen	City	79	65	17	331	2,381
Jersey City, 301,173—Hudson							
Christ Hospital●▲○	Gen	Church	225	169	21	855	4,773
Fairmount Hospital	Gen	NPAssn	65	30	15	154	1,006
Greenville Hospital○	Gen	NPAssn	60	50	16	206	980
Hudson County Tuberculosis Hospital♦▲	TB	County	500	479	..	...	690
Jersey City Hospital●♦▲○	Gen	City	900	878	..	...	18,841
Jersey City Hospital for Communicable Diseases▲	Unit of Jersey City Hospital						
Margaret Hague Maternity Hospital♦▲◎	Mat	County	275	181	294	5,180	6,100
Psychopathic Hospital	Unit of Jersey City Hospital						
St. Francis' Hospital●▲○	Gen	Church	226	157	14	213	3,536
Kearny (Arlington P.O.), 39,467—Hudson							
West Hudson Hospital▲	Gen	NPAssn	63	48	17	223	1,652
Lakewood, 5,000—Ocean							
Paul Kimball Hospital▲	Gen	NPAssn	64	43	11	180	1,274
Long Branch, 17,408—Monmouth							
Dr. E. C. Hazard Hospital	Gen	NPAssn	95	75	30	243	3,881
Monmouth Memorial Hospital●▲○	Gen	NPAssn	181	167	30	728	5,025
Lyons, —Somerset							
Veterans Admin. Facility▲	Ment	Vet	1,750	1,326	..	...	575
Marlboro, 500—Monmouth							
New Jersey State Hospital♦▲	Ment	State	2,591	2,355	..	...	908
Metuchen, 6,557—Middlesex							
Roosevelt Hospital▲	TB	County	221	221	..	...	270
Midland Park, 4,525—Bergen							
Christian Sanatorium	N&M	NPAssn	190	166	..	...	290
Millville, 14,806—Cumberland							
Millville Hospital	Gen	NPAssn	37	31	6	156	992
Montclair, 39,807—Essex							
Montclair Community Hospital▲	Gen	NPAssn	56	41	20	309	1,337
Mountainside Hospital●♦▲○	Gen	NPAssn	288	191	42	717	6,015
St. Vincent's Hospital▲	Gen	Church	50	33	12	247	1,125
Morris Plains, 2,018—Morris							
Children's Heart Unit of Victoria Foundation	Card	NPAssn	24	..	...	Estab.	1940
Morristown, 15,270—Morris							
All Souls Hospital●▲○	Gen	Church	115	73	29	385	2,308
Morristown Memorial Hospital●▲	Gen	NPAssn	137	112	18	296	3,224
Shongum Mountain Sanat.	TB	County	76	48	..	...	50
Mt. Holly, 6,573—Burlington							
Burlington County Hospital●♦▲	Gen	NPAssn	127	90	18	534	2,391
Neptune, 2,292—Monmouth							
Fitkin Memorial Hosp.●▲○	Gen	NPAssn	154	138	35	782	4,326
Newark, 429,760—Essex							
Babies' Hospital-Coit Memorial▲◎	Chil	NPAssn	60	30	..	...	1,259
Columbus Hospital	Gen	NPAssn	69	54	24	544	2,436
Community Hospital▲	Gen	NPAssn	26	22	4	14	396
Hospital and Home for Crippled Children♦▲	Orth	NPAssn	110	70	..	...	412
Hospital of St. Barnabas and for Women and Children●▲○	Gen	Church	208	170	27	681	5,124
Newark Beth Israel Hospital●♦▲○	Gen	NPAssn	381	346	74	1,701	10,637
Newark City Hospital●♦▲○	Gen	City	700	604	40	1,774	14,986
Newark Eye and Ear Infirmary♦▲	ENT	NPAssn	65	27	..	...	2,141
Newark Memorial Hosp.●▲○	Gen	NPAssn	135	80	30	438	2,659
Presbyterian Hospital▲○	Gen	NPAssn	224	180	53	973	6,616
St. James Hospital●▲○	Gen	Church	129	66	21	462	2,803
St. Michael's Hospital●▲○	Gen	Church	318	212	32	655	6,044
New Brunswick, 33,180—Middlesex							
Middlesex General Hosp.▲○	Gen	NPAssn	105	64	20	522	2,292
St. Peter's General Hosp.●▲○	Gen	Church	194	131	48	772	4,044
New Lisbon, 213—Burlington							
Fairview Sanatorium	TB	County	114	98	..	...	115
Newton, 5,533—Sussex							
Newton Memorial Hospital▲	Gen	NPAssn	42	26	11	188	915
Northfield, 2,848—Atlantic							
Atlantic County Hospital for Mental Diseases	Ment	County	400	356	..	...	153

Key to symbols and abbreviations is on page 1063

NEW JERSEY—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Atlantic County Hospital for Tuberculous Diseases (Pine Rest Sanitarium)	TB	County	50	50	..	...	56
Orange, 35,717—Essex							
New Jersey Orthopaedic Hospital and Dispensary♦♣	Orth	NPAssn	34	26	..	...	442
Orange Memorial Hosp.♣♣	Gen	NPAssn	264	220	75	1,247	7,228
St. Mary's Hospital♣♣	Gen	Church	120	80	30	509	2,984
Passaic, 61,284—Passaic							
Beth Israel Hospital	Gen	NPAssn	75	47	20	347	1,991
Passaic General Hosp.♣♣	Gen	NPAssn	220	142	25	826	4,115
St. Mary's Hospital♣♣	Gen	Church	182	148	37	1,009	4,814
Paterson, 139,656—Passaic							
Nathan and Miriam Barnert Memorial Hospital♣♣	Gen	NPAssn	116	105	20	601	3,147
Paterson General Hosp.♣♣	Gen	NPAssn	284	222	44	1,201	7,020
St. Joseph's Hospital♣♣	Gen	Church	386	226	47	1,082	6,240
Valley View Sanatorium♣	TB	County	234	226	..	...	253
Perth Amboy, 41,242—Middlesex							
Perth Amboy General Hospital♣♣	Gen	NPAssn	162	122	28	656	4,543
Phillipsburg, 18,314—Warren							
Warren Hospital	Gen	NPAssn	75	55	14	284	1,849
Pinewald (Bayville P.O.),—Ocean							
Royal Pines Hospital	Gen	NPAssn	85	38	12	82	1,652
Plainfield, 37,409—Union							
Muhlenberg Hospital♣♣	Gen	NPAssn	261	191	44	1,177	6,017
Point Pleasant, 2,082—Ocean							
Point Pleasant Hospital♣	Gen	NPAssn	26	22	10	110	605
Preakness (Paterson P.O.), —Passaic							
Hope Dell Hospital	Gen	County	412	119	..	...	112
Princeton, 7,719—Mercer							
Princeton Hospital♣	Gen	NPAssn	64	40	11	197	1,395
Rahway, 17,498—Union							
Rahway Hospital♣	Gen	NPAssn	80	53	20	443	1,985
Red Bank, 10,974—Monmouth							
Riverview Hospital	Gen	NPAssn	29	18	13	120	668
Station Hospital♣	Gen	Army	54	18	4	21	820
Ridgewood, 14,948—Bergen							
Bergen Pines, Bergen County Hospital♣	IsoTb	County	500	324	..	...	811
Riverside, 4,626—Burlington							
Embrook Memorial Hosp.♣	Gen	NPAssn	41	30	15	343	1,356
Salem, 8,618—Salem							
Salem County Memorial Hospital	Gen	NPAssn	40	40	8	386	1,700
Scotch Plains, 3,360—Union							
Bonnie Burn Sanatorium♣	TB	County	407	349	..	...	322
Secaucus, 9,754—Hudson							
Hudson County Contagious Disease Hospital	Iso	County	176	54	..	...	981
Hudson County Hospital	Gen	County	282	226	..	...	347
Hudson County Hospital for Mental Diseases♣	Ment	County	1,785	1,667	..	...	383
Skillman, 25—Somerset							
New Jersey State Village for Epileptics	Epil	State	1,550	1,531	..	...	100
Somers Point, 1,298—Atlantic							
Shore Memorial Hospital	Gen	NPAssn	65	21	9	115	984
Somerville, 8,726—Somerset							
Somerset Hospital♣	Gen	NPAssn	96	83	20	554	2,817
South Amboy, 7,962—Middlesex							
South Amboy Memorial Hospital	Gen	NPAssn	35	25	12	184	1,044
Summit, 16,165—Union							
Fair Oaks Sanatorium	Nerv	Corp	38	29	..	...	134
Overlook Hospital♣	Gen	NPAssn	122	117	26	515	3,619
Sussex, 1,478—Sussex							
Alexander Linn Hospital	Gen	NPAssn	22	9	5	58	503
Teaneck, 5,208—Bergen							
Holy Name Hospital♣♣	Gen	Church	182	140	43	1,004	4,349
Trenton, 124,697—Mercer							
F. W. Donnelly Memorial Hospitals	TbIso	City	300	232	..	...	468
Glenwood Sanatorium	N&M	Indiv	24	19	..	...	74
Mercer Hospital♣♣	Gen	NPAssn	229	137	32	934	4,705
New Jersey State Hospital♣	Ment	State	3,000	2,925	..	...	808
Orthopaedic Hospital and Dispensary	Orth	NPAssn	45	27	..	...	223
St. Francis Hospital♣♣	Gen	Church	280	218	30	985	5,697
Trenton General Hospital	Gen	NPAssn	50	24	10	50	690
William McKinley Memorial Hospital♣♣	Gen	NPAssn	124	88	33	594	2,636
Union City, 56,173—Hudson							
Union City General Hospital	Gen	NPAssn	30	9	10	49	474
Verona, 8,957—Essex							
Essex Mountain Sanat.♣♣	TB	County	446	421	..	...	500
Vineland, 7,914—Cumberland							
Newcomb Hospital♣	Gen	NPAssn	87	46	15	345	1,631
Weehawken (Union City P.O.), 14,365—Hudson							
North Hudson Hospital♣♣	Gen	NPAssn	173	105	18	549	3,276
Westfield, 18,458—Union							
Children's Country Home♣	Orth	NPAssn	75	67	..	...	164
Woodbury, 8,306—Gloucester							
Brewer Memorial Hospital	Gen	Indiv	16	10	5	70	372
Underwood Hospital♣	Gen	NPAssn	50	40	20	303	2,102
Related Institutions							
Atlantic City, 64,094—Atlantic							
Dr. Leonard's Private Sanit.	Drug	Indiv	25	...	..	...	54
Bridgeton, 15,622—Cumberland							
Cumberland County Hospital for Insane	Ment	County	300	251	..	...	62

NEW JERSEY—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Browns Mills, 313—Burlington							
Browns Mills Nursing Cottage	TB	Corp	56	40	..	...	47
Manor Nursing Cottage	TB	Indiv	40	34	..	...	35
Sycamore Hall Sanatorium	TB	Indiv	34	28	..	...	36
Caldwell, 4,902—Essex							
Theresa Grotta Home for Convalescents	CardConv	NPAssn	40	30	..	...	227
Camden, 117,536—Camden							
Municipal Hospital for Contagious Diseases	Iso	City	100	28	..	...	527
Cranford, 6,691—Union							
Brookside Nursing Home	Conv	Corp	27	25	..	...	31
Farmingdale, 699—Monmouth							
Tuberculosis Preventorium for Children	TB	NPAssn	256	183	..	...	608
Jamesburg, 2,128—Middlesex							
New Jersey State Home for Boys	Inst	State	25	10	..	...	730
Jersey City, 301,173—Hudson							
Salvation Army Door-of-Hope Home and Hospital	Mat	Church	8	6	7	56	85
Longport, 363—Atlantic							
Betty Bacharach Home for Afflicted Children	Orth	NPAssn	100	57	..	...	39
Menlo Park, 335—Middlesex							
New Jersey Home for Disabled Soldiers	Inst	State	20	8	..	...	54
Morristown, 15,270—Morris							
Aurora Institute	Conv	Corp	90	32	..	..	429
Newark, 429,760—Essex							
Florence Crittenton Home	Mat	NPAssn	27	25	35	62	107
Newark City Almshouse	Inst	City	100	76	..	...	298
Newark Convalescent Hosp.	Conv	City	145	142	..	...	70
New Brunswick, 33,339—Middlesex							
Mary Kingsland Macy Willets Infirmary	Inst	State	22	1	..	...	161
Rutgers Infirmary	Inst	NPAssn	12	3	..	...	241
Newfoundland, 600—Morris							
Idylease Sanatorium	TB	Corp	30	24	..	...	36
New Lisbon, 213—Burlington							
Burlington County Hospital for the Insane	Ment	County	301	231	..	...	49
State Colony for Feebleminded Males	MeDe	State	800	785	..	...	84
Ocean Grove, 1,182—Monmouth							
Methodist Home for Aged	Inst	Church	15	15	..	...	22
Passaic, 61,284—Passaic							
Passaic Municipal Hospital	Iso	City	25	3	2	...	76
Paterson, 139,656—Passaic							
Paterson City Hospital	TbIso	City	110	69	..	...	248
Princeton, 7,719—Mercer							
Isabella McCosh Infirmary of Princeton University	Inst	NPAssn	54	19	..	...	1,108
Rahway, 17,498—Union							
New Jersey Reformatory Hospital	Inst	State	18	8	..	...	305
Roseland, 1,556—Essex							
Mountain View Rest	N&M	Corp	22	21	..	...	105
Sea Isle City, 775—Cape May							
Sea Isle Hospital and Training School	N&M	Corp	80	65	..	...	95
Totowa (Little Falls P.O.), 3,130—Passaic							
North Jersey Training School	MeDe	State	685	625	..	...	49
Trenton, 124,697—Mercer							
New Jersey State Prison Hospital	Inst	State	42	38	..	...	604
State Home for Girls	Inst	State	50	28	3	24	308
Upper Montclair, —Essex							
Montclair Sanitarium	Conv	Part	10	6	..	...	30
Vineland, 7,914—Cumberland							
Maplehurst School	MeDe	Indiv	17	17	..	...	...
New Jersey Memorial Home for Disabled Soldiers, Sailors, Marines and their Wives and Widows	Inst	State	45	38	..	...	223
Training School at Vineland	MeDe	NPAssn	550	541	..	...	40
Vineland State School	MeDe	State	1,550	1,519	..	...	71
Woodbine, 2,111—Cape May							
Woodbine Colony for Feebleminded Males	MeDe	State	730	677	..	...	48

NEW MEXICO

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Albuquerque, 35,449—Bernalillo							
Ahepa Silver District Sanat.	TB	NPAssn	46	38	..	...	29
Albuquerque Indian Sanat.♣	TB	IA	104	87	..	...	102
Atchison, Topeka and Santa Fe Hospital	Indus	NPAssn	67	24	..	...	377
Children's Home and Hosp.	Orth	NPAssn	30	15	..	...	295
Methodist Sanatorium	TB	Church	65	45	..	...	74
St. Joseph Sanatorium and Hospital♣♣	GenTb	Church	170	96	15	449	2,974
Southwestern Presbyterian Sanatorium♣	GenTb	Church	147	94	19	347	2,136
U. S. Indian School Hosp.♣	Gen	IA	65	52	8	104	1,901
Veterans Admin. Facility♣	GenTb	Vet	250	183	..	...	1,711

Key to symbols and abbreviations is on page 1083

NEW MEXICO—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Artesia, 4,071—Eddy							
Artesia Memorial Hospital	Gen	Indiv	36	9	6	73	525
Black Rock (Zuni P.O.), —McKinley							
Zuni Indian Hospital	Gen	IA	43	19	8	14	539
Carlsbad, 7,116—Eddy							
Physicians and Surgeons Hospital	Gen	Indiv	16	...	4	Estab.	1940
St. Francis Xavier Hospital	Gen	Church	50	13	8	109	1,129
Clayton, 3,188—Union							
St. Joseph Hospital	Gen	Church	25	6	5	40	265
Clovis, 10,065—Curry							
Atchison, Topeka and Santa Fe Hospital	Indus	NPAssn	32	18	..	...	410
Clovis Memorial Hospital	Gen	City	42	25	10	413	1,615
Crownpoint, 90—McKinley							
Eastern Navajo Hospital	Gen	IA	79	41	11	73	1,200
Dawson, 2,000—Colfax							
Phelps Dodge Corporation Hospital	Gen	NPAssn	30	3	4	23	135
Deming, 3,608—Luna							
Deming Ladies' Hospital	Gen	NPAssn	18	6	4	19	216
Dulce, 44—Rio Arriba							
Jicarilla Hospital and Sanatorium	GenTb	IA	75	...	5	...	...
Jicarilla Indian Sanatorium	Unit of Jicarilla Hospital and Sanatorium						
Farmington, 2,161—San Juan							
Farmington Hospital	Gen	Indiv	8	4	3	31	170
San Juan Episcopal Indian Mission Hospital	Gen	Church	16	10	5	15	313
San Juan Hospital	Gen	NPAssn	22	7	5	56	462
Fort Bayard, 1,000—Grant							
Veterans Admin. Facility△	GenTb	Vet	305	233	..	...	887
Fort Stanton, 490—Lincoln							
U. S. Marine Hospital△	TB	USPHS	237	177	..	...	253
Fort Wingate, 14—McKinley							
Charles H. Burke Hospital	Gen	IA	51	27	8	29	928
Gallup, 7,041—McKinley							
St. Mary's Hospital△	Gen	Church	90	34	12	148	1,255
Hot Springs, 2,940—Sierra							
Carrie Tingley Hospital for Crippled Children△	Orth	State	125	78	..	...	262
Virginia Ann Clinic and Hospital	Gen	Indiv	18	7	4	20	880
Las Vegas, 5,941—San Miguel							
Las Vegas Hospital (Carpenter Memorial)	Gen	NPAssn	25	12	5	75	687
New Mexico State Hospital	Ment	State	900	865	..	...	227
St. Anthony's Hospital	GenOr	Church	68	35	10	122	1,094
Lovington, 1,916—Lea							
Lovington General Hospital	Gen	Indiv	10	4	5	60	298
Mescalero, 300—Otero							
Mescalero Apache Indian Hospital	Gen	IA	38	13	4	31	432
Raton, 7,607—Colfax							
New Mexico Miners' Hosp.△	Gen	State	88	12	5	82	580
Rehoboth, 150—McKinley							
Rehoboth Mission Hospital	Gen	Church	40	28	10	110	650
Roswell, 13,482—Chaves							
St. Mary's Hospital	Gen	Church	50	18	10	226	921
Santa Fe, 20,325—Santa Fe							
St. Vincent Sanatorium and Hospital△○	GenTb	Church	80	55	11	181	1,303
U. S. Indian Hospital (Chas. F. Lummis Hospital)	Gen	IA	76	35	6	28	1,050
Santa Rita, 1,500—Grant							
Santa Rita Hospital	Gen	NPAssn	33	25	10	162	848
Shiprock, 125—San Juan							
Northern Navajo Hospital	Gen	IA	48	44	6	45	1,136
Silver City, 5,044—Grant							
Swift Memorial Hospital	Gen	NPAssn	40	20	6	158	1,094
Socorro, 3,712—Socorro							
State Tuberculosis Sanat.	TB	State	86	85	..	...	150
Taos, 965—Taos							
Holy Cross Hospital	Gen	Church	17	5	4	19	331
Tucumcari, 6,194—Quay							
Tucumcari General Hospital	Gen	City	25	...	4	Reorganized	
Valmora, 125—Mora							
Valmora Sanatorium	TB	NPAssn	75	34	..	...	123

Related Institutions

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Embudo, —Rio Arriba							
Embudo Presbyterian Hosp.	Gen	Church	24	12	12	143	294
Eunice, 1,227—Lea							
Barzune Hospital	Gen	Indiv	7	3	3	23	95
Hobbs, 10,619—Lea							
Hobbs General Hospital	Gen	Indiv	23	10	4	138	961
Lordsburg, 3,101—Hidalgo							
Lordsburg Hospital	Gen	Corp	24	6	3	18	265
Los Lunas, 686—Valencia							
New Mexico Home and Training School for Mental Defectives	MeDe	State	80	74	..	...	7
Santa Fe, 20,325—Sante Fe							
New Mexico Penitentiary Hospital	Inst	State	48	16	..	...	294
Springer, 1,314—Colfax							
Springer Hospital	Gen	Indiv	10	5	3	20	112
Taos, 965—Taos							
Thomas P. Martin Hospital	Gen	IA	17	4	3	1	302
Toadlena, 49—San Juan							
Toadlena Indian Hospital	Gen	IA	20	11	..	...	217
Tohatchi, 2,104—McKinley							
Tohatchi General Hospital	Gen	IA	19	14	6	45	494

NEW YORK

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Albany, 130,577—Albany							
Albany Hospital*◆△○	Gen	NPAssn	600	511	56	1,042	11,610
Anthony N. Brady Maternity Home◆△○	Mat	Church	54	47	60	1,272	1,395
Child's Hospital	Chil	Church	65	52	..	...	449
Memorial Hospital*△○	Gen	NPAssn	120	95	16	290	2,752
St. Peter's Hospital*△○	Gen	Church	155	126	..	...	3,780
Albion, 4,660—Orleans							
Arnold Gregory Memorial Hospital	Gen	NPAssn	24	17	11	100	591
Amityville, 5,058—Suffolk							
Long Island Home	N&M	Corp	297	165	..	...	276
Louden-Knickerbocker Hall	N&M	Corp	175	156	..	...	236
Reed General Hospital	Gen	Part	17	7	3	23	312
Amsterdam, 33,329—Montgomery							
Amsterdam City Hospital○	Gen	NPAssn	75	44	15	190	1,379
Montgomery Sanatorium	TB	County	60	55	..	...	66
St. Mary's Hospital○	Gen	Church	100	69	22	315	1,908
Auburn, 35,753—Cayuga							
Auburn City Hospital*△○	Gen	NPAssn	180	153	25	653	5,304
Home for Convalescent and Crippled Children	Unit of Auburn City Hospital						
Mercy Hospital△	Gen	Church	80	48	14	220	1,451
Ballston Spa, 4,443—Saratoga							
Benedict Memorial Hospital	Gen	NPAssn	16	9	6	88	332
Batavia, 17,267—Genesee							
Batavia Hospital	Gen	NPAssn	68	39	12	350	1,975
St. Jerome Hospital	Gen	Church	68	52	18	320	1,807
Veterans Admin. Facility△	Gen	Vet	307	276	..	...	2,270
Bath, 4,686—Steuben							
Bath Memorial Hospital	Gen	NPAssn	52	43	8	180	1,509
Veterans Admin. Facility△	Gen	Vet	428	409	..	...	2,588
Bay Shore, 4,080—Suffolk							
Dr. King's Hospital	Gen	Indiv	30	11	6	79	474
Southside Hospital△	Gen	NPAssn	90	68	24	581	2,591
Beacon, 12,572—Dutchess							
Craig House	N&M	Corp	77	43	..	...	39
Highland Hospital	Gen	NPAssn	45	25	12	168	844
Matteawan State Hospital△	Ment	State	1,535	1,504	..	...	125
Bedford Hills, 1,080—Westchester							
Montefiore Hospital Country Sanatorium◆△	TB	NPAssn	230	229	..	...	296
Binghamton, 78,309—Broome							
Binghamton City Hosp.*△○	Gen	City	510	309	40	1,058	6,945
Binghamton State Hosp.◆△○	Ment	State	2,974	2,769	..	...	504
Our Lady of Lourdes Memorial Hospital△	Gen	Church	79	55	22	323	1,408
Brentwood, 534—Suffolk							
Pilgrim State Hospital△○	Ment	State	9,352	8,788	..	...	1,707
Ross Sanitarium	Gen	Indiv	60	21	3	14	171
Brockport, 3,500—Monroe							
Brockport Central Hospital	Gen	NPAssn	15	8	6	66	298
Bronxville, 6,888—Westchester							
Lawrence Hospital△	Gen	NPAssn	86	65	20	325	2,084
Brooklyn, 2,698,285—Kings							
Adelphi Hospital	Gen	Indiv	105	89	16	429	2,149
Bay Ridge Hospital△	Gen	Corp	75	54	25	579	2,220
Bensonhurst Maternity Hospital	Mat	Corp	24	15	24	521	553
Bethany Deaconess Hospital	Gen	Church	81	58	20	414	1,551
Beth-El Hospital*△	Gen	NPAssn	205	161	65	1,941	7,940
Beth Moses Hospital*△	Gen	NPAssn	195	143	30	847	4,067
Boro Park General Hospital	Gen	Indiv	75	35	30	456	1,559
Brooklyn Cancer Institute◆△	Cancer	City	85	76	..	...	181
Brooklyn Eye and Ear Hospital◆△	ENT	NPAssn	143	70	..	...	7,437
Brooklyn Hospital*◆△○	Gen	NPAssn	398	251	44	988	7,349
Brooklyn State Hospital△○	Ment	State	3,300	2,848	..	...	2,409
Brooklyn Thoracic Hosp.△	TB	NPAssn	125	104	..	...	157
Brooklyn Womens Hospital	Mat	NPAssn	48	37	40	1,119	1,467
Bushwick Hospital*△○	Gen	NPAssn	106	75	25	538	2,538
Caledonian Hospital△	Gen	NPAssn	100	57	30	456	2,198
Carson C. Peck Memorial Hospital△	Gen	NPAssn	98	78	33	856	2,461
Coney Island Hospital*◆△	Gen	City	357	256	52	893	7,852
Crown Heights Hospital	Gen	Corp	144	123	28	607	3,298
Cumberland Hospital*◆△○	Gen	City	361	292	30	1,055	7,807
Evangelical Deaconess Hospital	Gen	Church	105	86	20	555	1,554
Fort Hamilton Station Hospital	Gen	Army	60	38	..	...	878
Greenpoint Hospital*◆△	Gen	City	264	250	36	1,072	6,639
Harbor Hospital	Gen	NPAssn	72	39	14	100	1,470
Hosp. of the Holy Family△	Gen	Church	134	105	..	...	2,204
House of St. Giles the Cripple△	Orth	Church	45	27	..	...	184
Israel-Zion Hospital*◆	Gen	NPAssn	380	321	142	3,982	10,187
Jewish Hospital*◆△○	Gen	NPAssn	547	411	114	2,852	12,725
Jewish Sanitarium and Hosp. for Chronic Diseases◆△	Chr	NPAssn	525	458	..	...	181
Kings County Hospital*◆△○	Gen	City	2,280	2,671	120	3,284	57,096
Kingston Avenue Hosp.◆△	Iso	City	510	334	..	...	4,395
Kingsway Hospital	Gen	Indiv	21	15	8	106	323
Long Island College Hospital*◆△○	Gen	NPAssn	417	316	47	1,357	8,235
Lutheran Hospital△	Gen	Church	88	77	25	743	2,885
Madison Park Hospital	Gen	Corp	163	98	37	1,208	3,333
Methodist Hospital*◆△○	Gen	Church	391	280	80	1,676	7,875
Midwood Hospital△	Gen	Corp	55	41	21	445	1,006
Norwegian Lutheran Deaconesses' Home and Hosp.*◆△○	Gen	Church	162	150	28	651	4,082
Prospect Heights Hospital△○	Gen	NPAssn	134	92	41	626	3,345
Riverdale Hospital	Gen	Corp	40	10	18	308	508
St. Catherine's Hospital*△○	Gen	Church	285	234	68	1,270	5,954

Key to symbols and abbreviations is on page 1083

NEW YORK—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
St. Charles Hospital Orthopedic Clinic	Orth	Church	55	52	..	...	197
St. John's Hospital●◆▲○	Gen	Church	204	187	30	798	5,657
St. Mary's Hospital●◆▲○	Gen	Church	250	203	56	1,218	5,034
St. Peter's Hospital●▲	Gen	Church	283	127	23	510	3,546
Samaritan Hospital	Gen	Church	65	41	15	508	1,635
Shore Road Hospital	Gen	Corp	50	30	15	383	1,451
Swedish Hospital	Gen	NPAssn	78	53	16	352	2,057
U. S. Naval Hospital●▲	Gen	Navy	508	471	12	112	4,487
Unity Hospital●	Gen	NPAssn	209	180	39	912	5,304
Victory Memorial Hospital	Gen	NPAssn	60	41	24	519	1,749
Wade Hospital	Gen	Indiv	40	7	14	34	277
Williamsburgh Maternity Hospital	Mat	Indiv	69	33	52	1,157	1,251
Wyckoff Heights Hosp.●▲○	Gen	NPAssn	169	121	30	686	4,148
Buffalo, 575,901—Erie							
Buffalo Columbus Hospital▲	Gen	NPAssn	140	86	10	184	2,262
Buffalo General Hosp.●◆▲○	Gen	NPAssn	447	397	28	753	11,390
Buffalo Hospital of the Sisters of Charity●▲	Gen	Church	208	151	24	604	4,356
Buffalo State Hospital◆▲○	Ment	State	2,439	2,331	..	...	502
Central Park Hospital	Gen	NPAssn	65	45	15	380	1,985
Children's Hospital◆▲○	MatChil	NPAssn	227	237	48	1,234	6,182
Crippled Children's Guild	Unit of Children's Hospital						
Deaconess Hospital●◆▲○	Gen	NPAssn	189	182	49	1,011	5,372
Edward J. Meyer Memorial Hospital (Buffalo City Hospital)●◆▲○	Gen	City	1,025	834	38	682	9,872
Emergency Hospital of the Sisters of Charity▲	Gen	Church	166	131	..	...	4,048
Lafayette General Hospital	Gen	NPAssn	66	32	17	249	1,219
Mercy Hospital●▲○	Gen	Church	161	136	37	1,014	4,320
Millard Fillmore Hosp.●◆▲○	Gen	NPAssn	261	211	66	1,817	7,756
Providence Retreat	N&M	Church	200	160	..	...	80
St. Mary's Infant Asylum and Maternity Hospital▲	Mat	Church	45	34	45	819	875
State Institute for the Study of Malignant Disease▲	SkCa	State	82	40	..	...	1,334
U. S. Marine Hospital▲	Gen	USPHS	75	60	..	...	819
Callicoon, 850—Sullivan							
Callicoon Hospital	Gen	Indiv	12	6	3	75	221
Cambridge, 1,572—Washington							
Mary McClellan Hospital▲○	Gen	NPAssn	100	86	15	113	1,160
Canandaigua, 8,321—Ontario							
Brigham Hall Hospital	N&M	Corp	80	52	..	...	106
Frederick Ferris Thompson Hospital▲	Gen	Corp	123	83	19	300	2,035
Veterans Admin. Facility▲	Ment	Vet	1,210	1,124	..	...	244
Canastota, 4,150—Madison							
Canastota Memorial Hosp.	Gen	City	21	10	5	77	436
Cassadaga, 514—Chautauqua							
Newton Memorial Hospital	TB	County	180	164	..	...	123
Castle Point, 23—Dutchess							
Veterans Admin. Facility▲	TB	Vet	479	448	..	...	674
Catskill, 5,429—Greene							
Memorial Hospital of Greene County▲	Gen	County	70	51	15	245	1,679
Central Islip, 675—Suffolk							
Central Islip State Hosp.◆▲○	Ment	State	7,611	7,227	..	...	1,562
Central Valley, 850—Orange							
Falkirk in the Ramapos	N&M	Indiv	40	29	..	...	9
Chenango Bridge, 289—Broome							
Broome County Tuberculosis Hospital	TB	County	136	74	..	...	75
Clifton Springs, 1,413—Ontario							
Clifton Springs Sanitarium and Clinic◆▲	Gen	NPAssn	275	116	8	100	2,456
Cohoes, 21,955—Albany							
Cohoes Hospital	Gen	NPAssn	60	42	10	191	1,458
Cold Spring, 1,897—Putnam							
Julia L. Butterfield Memorial Hospital	Gen	NPAssn	25	17	5	61	551
Cooperstown, 2,599—Otsego							
Mary Imogene Bassett Hospital●◆▲	Gen	NPAssn	95	71	10	154	2,011
Copiague, 2,000—Suffolk							
Nassau Suffolk General Hospital	Gen	Part	45	26	12	190	1,056
Corinth, 3,054—Saratoga							
Corinth Hospital	Gen	NPAssn	18	9	6	35	251
Corning, 16,212—Steuben							
Corning Hospital▲	Gen	NPAssn	85	51	25	475	2,620
Cornwall, 1,978—Orange							
Cornwall Hospital▲	Gen	NPAssn	66	46	11	276	1,485
Cortland, 15,881—Cortland							
Cortland County Hospital▲	Gen	NPAssn	129	77	21	462	2,690
Cuba, 1,689—Allegany							
Cuba Memorial Hospital	Gen	NPAssn	18	7	6	81	314
Dannemora, 4,830—Clinton							
Dannemora State Hospital	Ment	State	1,167	1,110	..	...	193
Dansville, 4,976—Livingston							
Dansville General Hospital	Gen	NPAssn	36	24	8	279	1,240
Delhi, 1,841—Delaware							
Delaware County Tuberculosis Sanatorium	TB	County	32	14	..	...	35
Dobbs Ferry, 5,883—Westchester							
Dobbs Ferry Hospital▲	Gen	NPAssn	46	27	10	94	787
Dunkirk, 17,713—Chautauqua							
Brooks Memorial Hospital	Gen	NPAssn	50	42	10	286	1,547
Elizabethtown, 640—Essex							
Community Hospital	Gen	NPAssn	13	3	5	35	191
Ellenville, 4,000—Ulster							
Veterans Memorial Hospital	Gen	NPAssn	17	16	6	123	441
Elmira, 45,106—Chemung							
Arnot-Ogden Memorial Hospital●▲○	Gen	NPAssn	178	122	32	635	4,404
Chemung County Sanat.	TB	County	44	37	..	...	34
St. Joseph's Hospital●▲○	Gen	Church	190	139	27	563	4,001
Endicott, 17,702—Broome							
Bradford Lord Memorial Hospital	Unit of Binghamton City Hospital						
Ideal Hospital●▲	Gen	City	116	70	30	541	2,498
Farmingdale, 3,524—Nassau							
Nassau County Sanat.▲	TB	County	422	348	..	...	313
Far Rockaway, —Queens							
Hospital for Joint Diseases, Country Branch	Unit of Hospital for Joint Diseases, N. Y. C.						
St. Joseph Hospital	Gen	Church	122	81	23	470	2,826
Fillmore, 518—Allegany							
Genesee Country Memorial Hospital	Gen	NPAssn	16	10	4	39	193
Fishers Island, 324—Suffolk							
Station Hospital	Gen	Army	62	41	..	...	746
Flushing, —Queens							
Flushing Hospital and Dispensary●▲○	Gen	NPAssn	218	168	82	1,556	5,816
Parsons Hospital	Gen	Corp	63	44	12	235	1,759
Station Hospital	Gen	Army	75	31	..	...	842
Fort Niagara (Youngstown P.O.), —Niagara							
Station Hospital	Gen	Army	57	12	..	...	457
Fort Slocum, —Westchester							
Station Hospital	Gen	Army	138	61	..	...	2,091
Fort Wadsworth (Staten Island P.O.), —Richmond							
Station Hospital	Gen	Army	35	17	..	...	569
Fulton, 13,362—Oswego							
Albert Lindley Lee Memorial Hospital	Gen	City	36	24	11	283	1,150
Gabriels, 200—Franklin							
Sanatorium Gabriels	TB	Church	116	45	..	...	36
Geneva, 15,555—Ontario							
Geneva General Hospital▲	Gen	NPAssn	76	50	20	261	1,936
Glen Cove, 12,415—Nassau							
North Country Community Hospital▲	Gen	NPAssn	100	74	20	512	2,803
Glens Falls, 18,836—Warren							
Glens Falls Hospital▲	Gen	NPAssn	130	114	30	548	3,551
Westmount Sanatorium	TB	County	52	50	..	...	29
Gloversville, 23,329—Fulton							
Nathan Littauer Hospital▲○	Gen	NPAssn	105	86	20	443	2,895
Goshen, 3,073—Orange							
Goshen Hospital▲	Gen	NPAssn	40	25	12	164	842
Interpines	N&M	Indiv	65	30	..	...	52
Gouverneur, 4,478—St. Lawrence							
Stephen B. Van Duzee Hospital▲	Gen	NPAssn	19	16	10	148	531
Governors Island, —New York							
Station Hospital▲	Gen	Army	212	158	9	94	2,805
Gowanda, 3,156—Cattaraugus							
Townsend Hospital	Gen	NPAssn	22	11	8	150	603
Granville, 3,173—Washington							
Emma Laing Stevens Hosp.	Gen	NPAssn	16	7	6	84	273
Greenport, 3,259—Suffolk							
Eastern Long Island Hosp.	Gen	NPAssn	48	23	13	192	1,006
Harrison, 11,000—Westchester							
St. Vincent's Retreat	N&M	Church	200	191	..	...	103
Hastings on Hudson, 7,057—Westchester							
Hastings Hillside Hospital◆	N&M	NPAssn	41	38	..	...	127
Helmuth, 38—Erie							
Gowanda State Homeopathic Hospital◆○	Ment	State	2,377	2,497	..	...	716
Hempstead, 20,856—Nassau							
Meadowbrook Hospital●◆▲	Gen	County	250	229	18	555	5,850
Mercy Hospital	Gen	Church	16	11	13	294	508
Herkimer, 9,617—Herkimer							
Herkimer Memorial Hospital	Gen	NPAssn	31	28	9	126	900
Holtsville, 269—Suffolk							
Suffolk Sanatorium	TB	County	162	162	..	...	123
Hornell, 15,649—Steuben							
Bethesda Hospital▲	Gen	NPAssn	44	28	10	158	959
St. James Mercy Hospital▲	Gen	Church	85	60	16	312	2,553
Hudson, 11,517—Columbia							
Hudson City Hospital▲○	Gen	NPAssn	101	81	17	298	3,158
Huntington, 6,209—Suffolk							
Huntington Hospital▲	Gen	NPAssn	77	54	12	324	1,957
Ilion, 8,927—Herkimer							
Ilion Hospital	Gen	NPAssn	30	18	7	157	701
Irvington, 3,272—Westchester							
Irvington House	ChilCard	NPAssn	108	106	..	...	90
Ithaca, 19,730—Tompkins							
Hermann M. Biggs Memorial Hospital◆▲○	TB	State	250	220	..	...	276
Tompkins County Memorial Hospital▲	Gen	NPAssn	126	86	22	458	3,232
Jackson Heights, —Queens							
Physicians Hospital	Gen	Corp	135	85	44	1,226	3,561
Jamaica, —Queens							
Jamaica Hospital●▲	Gen	NPAssn	185	136	44	1,137	5,056
Mary Immaculate Hospital●◆▲○	Gen	Church	256	210	60	1,555	6,530
Memorial Hospital	Gen	Indiv	41	29	12	264	1,358
Queens General Hospital●◆▲	Gen	City	644	509	52	1,793	13,961
Van Wyck Hospital	Gen	Indiv	75	20	17	143	557
Jamestown, 42,638—Chautauqua							
Jamestown General Hospital	Gen	City	119	75	22	516	3,028
Woman's Christian Association Hospital▲○	Gen	NPAssn	112	78	29	538	3,229
Jefferson, 484—Schoharie							
Jefferson Hospital	Gen	Indiv	8	3	2	6	151

Key to symbols and abbreviations is on page 1083

NEW YORK—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Johnson City, 18,039—Broome							
Charles S. Wilson Memorial Hospital●♦▲◊	Gen	NPAssn	318	204	32	604	5,282
Katonah, 1,400—Westchester							
"Four Winds"	N&M	Indiv	35	32	..	...	35
Hillbourne Farms	Nerv	NPAssn	15	6	..	...	6
Pinewood Sanitarium	N&M	Indiv	56	42	..	...	206
Kings Park, 1,067—Suffolk							
Kings Park State Hosp.♦▲◊	Ment	State	6,325	5,945	..	...	1,361
Kingston, 28,589—Ulster							
Benedictine Hospital (Our Lady of Victory Sanit.)▲◊	Gen	Church	84	75	16	233	3,305
Kingston Hospital♦▲◊	Gen	NPAssn	118	93	15	419	3,120
Ulster County Tuberculosis Hospital	TB	County	56	52	..	...	88
Lackawanna, 24,058—Erie							
Moses Taylor Hospital▲	Indus	NPAssn	28	12	..	...	247
Our Lady of Victory Hospital●▲	Gen	Church	142	112	32	745	3,034
Lake Kushaqua, 10—Franklin							
Stony Wold Sanatorium▲	TB	NPAssn	145	115	..	...	100
Lake Placid, 3,136—Essex							
Lake Placid General Hosp.	Gen	City	23	10	6	46	280
Liberty, 3,788—Sullivan							
Maimonides Hospital	Gen	NPAssn	36	20	5	90	661
Workmen's Circle Sanat.	TB	NPAssn	111	42	..	...	95
Little Falls, 10,163—Herkimer							
Little Falls Hospital▲	Gen	NPAssn	52	39	13	202	1,333
Livingston, 249—Columbia							
Potts Memorial Hospital	TB	NPAssn	53	48	..	...	20
Lockport, 24,379—Niagara							
Lockport City Hospital	Gen	City	118	115	30	568	3,182
Niagara Sanatorium▲	TB	County	225	183	..	...	139
Long Beach, 9,036—Nassau							
Long Beach Hospital	Gen	NPAssn	58	35	6	77	1,346
Long Island City, —Queens							
Astoria Sanatorium	Gen	Indiv	50	22	22	496	887
Boulevard Hospital	Gen	Corp	78	50	30	781	2,579
River Crest Sanitarium	N&M	Corp	120	96	..	...	268
St. John's Long Island City Hospital●▲◊	Gen	Church	250	191	38	974	5,879
Lowville, 3,578—Lewis							
Lewis County General Hosp.	Gen	StateCo	40	29	9	241	1,052
Lyons, 3,863—Wayne							
Edward J. Barber Hospital	Gen	Indiv	22	14	3	65	294
Lyons Hospital	Gen	Corp	26	15	6	103	471
Malone, 8,743—Franklin							
Alice Hyde Memorial Hospital▲	Gen	NPAssn	74	52	12	190	1,702
Marcy, 112—Oneida							
Marcy State Hospital♦▲®	Ment	State	2,776	2,513	..	...	669
Medina, 5,871—Orleans							
Medina Memorial Hospital▲	Gen	NPAssn	35	23	8	149	700
Middle Grove, 200—Saratoga							
Saratoga County Tuberculosis Hospital	TB	County	108	74	..	...	143
Middletown, 21,908—Orange							
Elizabeth A. Horton Memorial Hospital▲	Gen	NPAssn	97	65	22	226	1,871
Middletown Sanitarium and Hospital	Gen	Indiv	45	31	8	171	1,011
Middletown State Homeopathic Hospital♦▲◊	Ment	State	3,392	3,245	..	...	415
Mineola, 10,064—Nassau							
Nassau Hospital●▲	Gen	NPAssn	227	163	30	817	4,924
Mineville, 837—Essex							
Mineville Hospital	Gen	NPAssn	14	12	1	2	260
Mitchell Field, —Nassau							
Station Hospital	Gen	Army	50	30	6	22	1,330
Monticello, 3,737—Sullivan							
Hamilton Avenue Hospital	Gen	Indiv	20	11	4	94	415
Monticello Hospital	Gen	NPAssn	26	15	5	78	609
Mt. Kisco, 5,941—Westchester							
Northern Westchester Hospital▲	Gen	NPAssn	100	78	18	428	2,819
Mt. McGregor, —Saratoga							
Metropolitan Life Insurance Company Sanatorium▲	GenTb	NPAssn	350	204	..	...	243
Mt. Morris, 3,530—Livingston							
Mt. Morris Tuberculosis Hospital♦▲®	TB	State	250	215	..	...	163
Mt. Vernon, 67,362—Westchester							
Mt. Vernon Hospital●▲◊	Gen	NPAssn	223	128	37	870	4,554
Mt. Vision, 258—Otsego							
Otsego County Sanatorium	TB	County	26	18	..	...	25
Newark, 9,646—Wayne							
Newark Hospital	Gen	Part	25	19	4	93	701
Newburgh, 31,883—Orange							
Estelle and Walter C. Odell Memorial Sanatorium for Tuberculosis	TB	County	50	40	..	...	26
St. Luke's Hospital▲◊	Gen	NPAssn	214	114	19	393	3,726
New Rochelle, 58,408—Westchester							
New Rochelle Hospital●♦▲◊	Gen	NPAssn	258	183	45	763	5,908
New York City, 7,454,995—New York							
Babies Hospital♦▲®	Chil	NPAssn	162	116	..	...	3,395
Beekman Hospital●▲	Gen	NPAssn	96	67	..	...	2,019
Bellevue Hospital●♦▲◊	Gen	City	2,482	2,466	101	1,384	67,892
Beth David Hospital●▲	Gen	NPAssn	160	143	40	515	3,893
Beth Israel Hospital●♦▲◊	Gen	NPAssn	318	270	76	2,096	8,549
Bronx Eye & Ear Infirmary	ENT	NPAssn	54	21	..	...	3,551
Bronx Hospital●♦▲	Gen	NPAssn	329	248	80	2,471	8,674
Bronx Maternity and Woman's Hospital	GynOb	NPAssn	33	15	33	542	632

NEW YORK—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Charles B. Towns Hospital	Drug	Corp	50	16	..	...	538
Columbus Hospital●▲	Gen	Church	200	163	40	556	4,552
Columbus Hospital Extension	See Mother Cabrini Memorial Hospital						
Community Hospital	Gen	NPAssn	75	34	12	136	1,055
Crotona Park Sanitarium	Gen	Corp	27	14	15	338	698
Doctors Hospital▲	Gen	NPAssn	275	105	50	580	3,304
Downtown Hospital	Gen	NPAssn	117	43	8	...	1,636
Fitch Sanitarium	Gen	NPAssn	75	53	46	761	2,176
Flower and Fifth Avenue Hospitals●♦▲◊	Gen	NPAssn	340	253	71	1,387	7,763
Fordham Hospital●♦▲®	Gen	City	528	535	81	1,089	12,675
Franklin Maternity Sanit.	Mat	Indiv	10	4	10	107	122
French Hospital●♦▲	Gen	NPAssn	270	196	62	1,440	5,888
Gotham Hospital	Gen	Corp	83	50	24	415	2,031
Gouverneur Hospital●▲	Gen	City	200	168	20	298	4,619
Harlem Eye and Ear Hospital♦▲	ENT	NPAssn	50	8	..	...	1,655
Harlem Hospital●♦▲◊	Gen	City	654	677	109	2,380	20,250
Hosp. for Joint Diseases●♦▲	GenOr	NPAssn	355	337	..	...	6,336
Hospital for Ruptured and Crippled♦▲	Orth	NPAssn	250	178	..	...	3,478
Hospital of the Rockefeller Institute for Medical Research▲	Gen	NPAssn	60	36	..	...	331
Hunts Point Hospital	Gen	Corp	90	...No data supplied			
International Medical Center	Gen	NPAssn	82	15	15	29	329
Jewish Maternity Hospital	Unit of Beth Israel Hospital						
Jewish Memorial Hospital●	Gen	NPAssn	173	137	36	908	5,371
Knickerbocker Hospital●▲	Gen	NPAssn	183	124	40	540	3,651
Lebanon Hospital●▲◊	Gen	NPAssn	139	96	15	168	2,330
Leff-Central Maternity Hospital	Mat	Indiv	30	23	30	808	865
Lenox Hill Hospital●♦▲◊	Gen	NPAssn	554	381	68	1,250	10,384
Le Roy Sanitarium	Gen	Corp	53	39	16	226	1,208
Lincoln Hospital●♦▲◊	Gen	City	399	448	70	1,527	10,582
Lutheran Hospital	Gen	NPAssn	115	65	26	693	2,320
Lying-in Hospital♦▲	Unit of New York Hospital						
Manhattan Eye, Ear and Throat Hospital♦▲	ENT	NPAssn	212	145	..	...	15,381
Manhattan General Hosp.●	Gen	Corp	300	133	50	542	4,841
Manhattan Maternity and Dispensary	Unit of New York Hospital						
Manhattan State Hospital◊	Ment	State	3,295	3,381	..	...	1,385
Medical Arts Center Hosp.	Gen	Corp	136	83	18	229	3,059
Memorial Hospital for the Treatment of Cancer and Allied Diseases♦▲	Cancer	NPAssn	213	178	..	...	4,210
Metropolitan Hospital●♦▲◊	Gen	City	1,053	1,082	56	805	12,080
Midtown Hospital▲	Gen	NPAssn	61	38	..	...	2,246
Misericordia Hospital●▲◊	Gen	Church	201	175	68	1,088	4,651
Montefiore Hosp. for Chronic Diseases●♦▲	Gen	NPAssn	714	698	..	...	1,787
Morrisania City Hosp.●♦▲	Gen	City	471	490	68	1,807	12,543
Mother Cabrini Memorial Hospital	Gen	Church	170	102	25	480	2,981
Mt. Eden Hospital	Gen	Indiv	40	29	30	480	1,577
Mt. Sinai Hospital●♦▲◊	Gen	NPAssn	856	647	..	...	16,984
Murray Hill Hospital	Gen	Corp	86	40	..	2	2,138
Nazareth Hosp. for Women and Children	TB	Church	305	292	..	...	380
Neurological Institute of New York♦▲®	Neur	NPAssn	205	148	..	...	3,297
New York City Cancer Institute Hospital♦▲	Cancer	City	192	184	..	...	797
New York City Hospital●♦▲	Gen	City	850	757	30	818	10,560
New York Eye and Ear Infirmary♦▲	ENT	NPAssn	170	109	..	...	5,979
New York Foundling Hospital♦▲®	MatChil	Church	162	121	57	643	1,784
New York Hospital●♦▲◊	Gen	NPAssn	916	720	142	2,839	16,412
New York Infirmary for Women and Children●♦▲	Gen	NPAssn	126	85	39	813	3,436
New York Nursery and Childs Hospital	Unit of New York Hospital						
New York Orthopaedic Dispensary and Hospital♦▲	Orth	NPAssn	302	258	..	...	1,758
New York Polyclinic Medical School and Hospital●♦▲	Gen	NPAssn	371	217	37	891	7,812
New York Post-Graduate Medical School and Hospital●♦▲	Gen	NPAssn	415	317	..	...	9,130
New York Skin and Cancer Hospital	Unit of New York Post-Graduate Medical School and Hospital						
New York State Psychiatric Institute and Hospital♦▲®	Ment	State	150	118	..	...	280
Park East Hospital	Gen	Corp	107	69	18	321	3,276
Parkway Hospital	Gen	NPAssn	75	31	10	272	1,432
Park West Hospital	Gen	Corp	69	50	14	279	2,630
Payne Whitney Psychiatric Clinic▲	Unit of New York Hospital						
Presbyterian Hospital and Sloane Hospital for Women●♦▲◊	Gen	NPAssn	892	702	144	2,448	18,017
Psychiatric Pavilion	Unit of Bellevue Hospital						
Reconstruction Hospital	Unit of New York Post-Graduate Medical School and Hospital						
Riker's Island Hospital▲	GenInst	City	226	184	..	...	4,208
Riverside Hospital♦▲	TbIso	City	300	383	..	...	1,169
Roosevelt Hospital●♦▲◊	Gen	NPAssn	397	297	..	...	7,309
St. Ann's Maternity Hosp.	Unit of New York Foundling Hospital						
St. Clare's Hospital●▲	Gen	Church	172	162	36	706	5,407
St. Elizabeth's Hospital▲	Gen	Church	135	85	27	519	2,642
St. Francis' Hospital●▲	Gen	Church	335	230	35	883	6,214

Key to symbols and abbreviations is on page 1083

NEW YORK—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
St. John's Hospital	Unit of New York Foundling Hospital						
St. Joseph's Hospital for Consumptives	TB	Church	290	292	..	...	600
St. Luke's Hospital*◆▲◇	Gen	NPAssn	522	366	..	...	8,515
St. Vincent's Hospital*◆▲◇	Gen	Church	421	390	44	853	9,204
Seton Hospital▲	TB	Church	269	250	..	...	281
Sloane Hospital for Women◆▲⊙	See Presbyterian Hospital						
Sydenham Hospital*◆▲	Gen	NPAssn	179	141	24	645	4,284
Union Hospital	Gen	NPAssn	55	39	20	335	1,469
U. S. Marine Hospital◆▲	Gen	USPHS	464	327	..	...	2,469
University Heights Sanit.	Gen	Corp	47	...	15	354	...
Veterans Admin. Facility▲	Gen	Vet	1,571	876	..	...	4,780
Webb Sanitarium	Gen	Corp	19	9	12	137	303
Welfare Hospital for Chronic Diseases*◆▲	Gen	City	1,565	1,400	..	...	1,729
Westchester Square Hospital	Gen	Corp	77	61	32	903	2,826
West Hill Sanitarium	N&M	Indiv	65	46	..	...	270
Wickersham Hospital	Gen	Corp	76	53	9	205	2,572
Willard Parker Hospital◆▲⊙	TbIso	City	424	366	..	...	6,955
William Booth Memorial Hospital▲	Gen	Church	48	25	24	255	785
Woman's Hospital◆▲	GynOb	NPAssn	224	153	100	1,838	3,899
Niagara Falls, 78,029—Niagara							
Mt. St. Mary's Hospital▲◇	Gen	Church	179	120	34	779	3,881
Niagara Falls Memorial Hospital▲	Gen	NPAssn	166	135	24	671	4,452
Northport, 3,093—Suffolk							
Veterans Admin. Facility▲	Ment	Vet	2,220	2,179	..	...	486
North Tonawanda, 20,254—Niagara							
De Graff Memorial Hospital	Gen	City	47	35	18	391	1,742
Norwich, 8,694—Chenango							
Chenango Memorial Hosp.▲	Gen	NPAssn	68	49	15	204	1,660
Nyack, 5,206—Rockland							
Nyack Hospital▲	Gen	Corp	89	75	16	327	2,049
Ogdensburg, 16,346—St. Lawrence							
A. Barton Hepburn Hosp.◇	Gen	Church	140	104	20	348	3,433
St. John's Hospital	TB	Church	45	27	..	...	40
St. Lawrence State Hosp.◆◇	Ment	State	2,226	2,101	..	...	338
Olean, 21,506—Cattaraugus							
Mountain Clinic	Gen	Indiv	33	15	5	57	446
Olean General Hospital▲	Gen	NPAssn	80	42	23	315	1,086
Rocky Crest Sanatorium	TB	County	43	38	..	...	39
St. Francis Hospital	Gen	Church	100	34	18	264	1,330
Oneida, 10,291—Madison							
Main Street Hospital	Gen	Indiv	18	9	4	50	285
Oneida City Hospital▲	Gen	City	82	67	17	276	2,151
Oneonta, 11,731—Otsego							
Aurelia Osborn Fox Memorial Hospital▲	Gen	NPAssn	54	47	12	238	1,715
Homer Folks Tuberculosis Hospital◆▲⊙	TB	State	250	240	..	...	280
Orangeburg, 16,346—Rockland							
Rockland State Hospital◆▲◇	Ment	State	7,170	5,846	..	...	2,678
Ossining, 15,996—Westchester							
Ossining Hospital▲	Gen	NPAssn	65	39	10	210	1,473
Stony Lodge	N&M	Indiv	44	17	..	...	46
Oswego, 22,062—Oswego							
Oswego Hospital	Gen	NPAssn	89	63	11	203	2,126
Station Hospital	Gen	Army	34	28	..	...	485
Otisville, 889—Orange							
Municipal Sanatorium◆▲	TB	City	400	386	..	...	506
Owego, 5,068—Tioga							
Glenmary Sanitarium	N&M	Corp	50	8	..	...	6
Peekskill, 17,311—Westchester							
Peekskill Hospital	Gen	NPAssn	75	48	18	354	1,778
Penn Yan, 5,308—Yates							
Soldiers and Sailors Memorial Hospital	Gen	NPAssn	50	31	10	175	1,079
Perrysburg, 375—Cattaraugus							
J. N. Adam Memorial Hosp.▲	TB	City	482	433	..	...	328
Philmont, 1,898—Columbia							
Columbia Sanatorium	TB	County	72	53	..	...	48
Plattsburg, 16,351—Clinton							
Champlain Valley Hospital◇	Gen	Church	104	87	15	324	2,809
Physicians Hospital	Gen	NPAssn	99	64	18	301	2,567
Station Hospital	Gen	Army	70	51	3	32	1,353
Pomona, 155—Rockland							
Summit Park Sanatorium▲	TB	County	90	84	..	...	50
Port Chester, 23,073—Westchester							
Mary Harkness Home for Convalescent Care	Conv	NPAssn	50	28	..	...	554
St. Luke's Convalescent Hospital	See Greenwich, Conn.						
United Hospital*▲	Gen	NPAssn	166	125	36	785	4,549
Port Jefferson, 2,800—Suffolk							
John T. Mather Memorial Hospital▲	Gen	NPAssn	58	41	12	218	1,641
St. Charles Hospital for Crippled Children	Orth	Church	210	180	..	...	81
Wharton Memorial Institute	Unit of St. Charles Hospital						
Port Jervis, 9,749—Orange							
St. Francis Hospital▲	Gen	Church	56	23	10	83	752
Potsdam, 4,821—St. Lawrence							
Potsdam Hospital▲	Gen	NPAssn	63	50	22	254	2,077
Poughkeepsie, 40,478—Dutchess							
Hudson River State Hospital◆▲◇	Ment	State	4,556	4,408	..	...	630
St. Francis Hospital▲◇	Gen	Church	86	70	25	301	2,027
Samuel and Nettie Bowne Hospital	TbCard	NPAssn	50	27	..	...	110
Samuel W. Bowne Memorial Hospital	TB	CyCo	131	127	..	...	104
Vassar Brothers Hosp.*▲◇	Gen	NPAssn	217	155	33	654	5,171

NEW YORK—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Queens Village, —Queens							
Creedmoor State Hosp.◆▲◇	Ment	State	4,529	4,420	..	...	991
Ray Brook, 40—Essex							
New York State Hospital▲	TB	State	379	341	..	...	406
Rhinebeck, 1,697—Dutchess							
Northern Dutchess Health Service Center▲	Gen	NPAssn	35	26	8	136	757
Richland, 600—Oswego							
Oswego County Sanatorium	TB	County	105	80	..	...	60
Rochester, 324,975—Monroe							
Genesee Hospital*◆▲◇	Gen	NPAssn	212	197	32	842	5,722
Highland Hospital*▲◇	Gen	NPAssn	180	152	60	897	4,633
Iola-Monroe County Tuberculosis Sanatorium◆▲	TB	County	370	308	..	...	328
Monroe County Hospital	Gen	County	500	468	20	146	3,050
Park Avenue Hospital▲◇	Gen	NPAssn	85	66	20	364	2,306
Rochester General Hosp.*◆▲◇	Gen	NPAssn	315	246	63	1,191	8,127
Rochester Municipal Hospital*◆▲	Gen	City	321	261	36	749	7,158
Rochester State Hospital◆▲◇	Ment	State	3,287	3,156	..	...	573
St. Mary's Hospital*◆▲◇	Gen	Church	222	176	35	714	5,350
Strong Memorial Hosp.*◆▲◇	Gen	NPAssn	272	207	36	369	7,336
Rockaway Beach, —Queens							
Neponsit Beach Hospital for Children	TbOr	CyCo	120	114	..	...	137
Rockaway Beach Hospital and Dispensary▲	Gen	NPAssn	110	85	15	337	2,805
Rockville Centre, 18,613—Nassau							
South Nassau Communities Hospital	Gen	NPAssn	76	65	24	872	2,940
Rome, 34,214—Oneida							
Oneida County Hospital	Gen	County	215	191	5	141	1,909
Rome Hospital and Murphy Memorial Hospital▲	Gen	City	116	59	26	505	2,408
Rome Infirmary	Gen	Indiv	25	7	6	10	162
Sackets Harbor, 1,162—Jefferson							
Station Hospital	Gen	Army	80	14	..	...	432
Salamanca, 9,011—Cattaraugus							
City Hospital	Gen	City	45	37	10	250	1,579
Salisbury Center, 33—Herkimer							
Pine Crest Sanatorium	TB	County	90	83	..	...	52
Saranac Lake, 7,138—Franklin							
General Hospital▲	Gen	NPAssn	36	27	6	91	1,006
Northwoods Sanatorium	TB	NPAssn	26	25	..	...	22
Reception Hospital	TB	Corp	20	19	..	...	23
St. Mary's of the Lake	TB	Church	30	13	..	...	38
Will Rogers Memorial Hospital▲	TB	NPAssn	80	72	..	...	55
Saratoga Springs, 13,705—Saratoga							
Saratoga Hospital▲	Gen	NPAssn	90	55	17	200	1,615
Schenectady, 87,549—Schenectady							
Eastern New York Orthopedic Hospital-School	OrChil	NPAssn	35	17	..	...	45
Ellis Hospital*▲◇	Gen	NPAssn	379	251	60	769	8,379
Schenectady County Tuberculosis Hospital (Glenridge Sanatorium)▲	TB	County	136	112	..	...	109
Seneca Falls, 6,452—Seneca							
Seneca Falls Hospital	Gen	City	29	18	11	130	741
Sherburne, 1,192—Chenango							
Chenango County Tuberculosis Hospital	TB	County	33	25	..	...	13
Sodus, 1,513—Wayne							
Myers Hospital	Gen	Indiv	25	13	7	60	332
Sonyea, —Livingston							
Craig Colony◇	Epil	State	2,318	2,330	..	...	269
Southampton, 3,818—Suffolk							
Southampton Hospital▲◇	Gen	NPAssn	109	46	19	287	1,508
Stamford, 1,066—Delaware							
Bathgate Hospital	Gen	NPAssn	19	7	6	26	293
Stapleton (Staten Island P.O.), —Richmond							
U. S. Marine Hospital*▲	Gen	USPHS	1,018	571	6	31	8,329
Staten Island, 174,441—Richmond							
Richmond Borough Hospital	Iso	City	36	15	..	...	251
Richmond Memorial Hosp.◆▲	Gen	NPAssn	100	83	18	289	2,077
St. Vincent's Hospital*▲	Gen	Church	208	178	33	758	5,067
Seaside Hospital	Unit of Hospital for Ruptured and Crippled, New York City						
Sea View Hospital◆▲⊙	TB	City	2,038	1,934	10	20	2,090
Staten Island Hospital*▲◇	Gen	Corp	248	185	44	1,068	4,650
Suffern, 3,768—Rockland							
Good Samaritan Hospital▲	Gen	Church	80	64	16	366	2,367
Sunmount, —Franklin							
Veterans Admin. Facility▲	TB	Vet	518	428	..	...	625
Syracuse, 205,967—Onondaga							
City Hospital▲⊙	Iso	City	84	25	..	...	485
Crouse-Irving Hospital*▲◇	Gen	NPAssn	215	211	25	877	6,291
General Hospital*▲◇	Gen	NPAssn	85	79	25	684	2,927
Hospital of the Good Shepherd*◆▲◇	Gen	NPAssn	210	181	..	...	4,946
Onondaga General Hospital	Gen	NPAssn	56	32	25	34	816
Onondaga Sanatorium▲	TB	County	255	242	..	...	168
Peoples Hospital	Gen	NPAssn	28	10	8	53	390
St. Joseph Hospital*▲◇	Gen	Church	205	160	35	808	6,430
St. Mary's Maternity Hospital and Infants Asylum	Mat	Church	72	16	29	318	533
Syracuse Memorial Hospital*◆▲◇	Gen	NPAssn	210	187	40	1,383	6,309
Syracuse Psychopathic Hospital▲	Ment	State	60	51	..	...	656
Twin Elms	N&M	Indiv	10	9	..	...	58
Tarrytown, 6,874—Westchester							
Tarrytown Hospital▲	Gen	NPAssn	57	46	13	239	1,558

Key to symbols and abbreviations is on page 1063

NEW YORK—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Ticonderoga, 3,402—Essex							
Moses-Ludington Hospital▲	Gen	Corp	47	30	6	114	846
Troy, 70,304—Rensselaer							
Leonard Hospital●▲	Gen	NPAssn	109	93	16	458	2,536
Marshall Sanitarium	N&M	NPAssn	60	40	..	...	232
Price Memorial Hospital	Unit of Samaritan Hospital						
St. Joseph's Maternity Hospital	Mat	Church	36	14	31	336	351
Samaritan Hospital●▲○	GenIso	NPAssn	172	141	21	492	3,521
Troy Hospital●▲	Gen	Church	272	212	22	329	4,145
Trudeau, 230—Essex							
Trudeau Sanatorium◆▲®	TB	NPAssn	200	175	..	...	187
Tupper Lake, 5,451—Franklin							
Mercy General Hospital	Gen	Church	28	11	5	54	439
Tuxedo Park, 2,000—Orange							
Tuxedo Memorial Hospital▲	Gen	NPAssn	33	18	7	47	571
Utica, 100,518—Oneida							
Faxton Hospital▲○	Gen	NPAssn	115	77	16	330	2,557
Masonic Soldiers and Sailors Memorial Hospital	Gen	NPAssn	200	145	..	...	357
Oneida County Tuberculosis Sanatorium (Broadacres)▲	TB	County	182	165	..	...	120
St. Elizabeth Hospital▲○	Gen	Church	140	132	20	534	4,008
St. Luke's Home and Hospital▲○	Gen	Church	123	82	28	391	2,586
Utica General Hospital▲	Gen	City	124	63	14	273	4,088
Utica Memorial Hospital▲○	Gen	NPAssn	77	42	25	328	2,263
Utica State Hospital◆▲○	Ment	State	1,906	1,773	..	...	526
Valhalla, 620—Westchester							
Grasslands Hospital●◆▲○	Gen	County	810	660	15	168	5,336
Warsaw, 3,554—Wyoming							
Wyoming County Community Hospital▲○	Gen	County	115	85	25	350	2,438
Warwick, 2,534—Orange							
St. Anthony's Hospital	Gen	Church	52	15	14	46	447
Waterloo, 4,010—Seneca							
Waterloo Memorial Hospital	Gen	NPAssn	25	14	5	94	409
Watertown, 33,385—Jefferson							
House of the Good Samaritan▲○	Gen	NPAssn	125	92	15	280	2,372
Jefferson County Sanat.◆	TB	County	78	56	..	...	50
Mercy Hospital▲○	Gen	Church	114	80	20	356	2,250
Waverly, 5,450—Tioga							
Tioga County General Hospital▲	Gen	NPAssn	65	53	12	166	1,307
Wayland, 1,795—Steuben							
Wayland Hospital	Gen	Part	17	15	3	49	356
Wellsville, 5,942—Allegany							
Memorial Hospital of Wm. F. and Gertrude F. Jones	Gen	City	45	34	10	230	1,191
West Haverstraw, 2,533—Rockland							
New York State Reconstruction Home◆▲	OrChil	State	310	90	..	...	65
West Point, 1,230—Orange							
Station Hospital▲	Gen	Army	158	79	8	80	3,470
White Plains, 40,327—Westchester							
New York Hospital—Westchester Division◆▲®	N&M	NPAssn	330	244	..	...	333
New York Orthopaedic Dispensary and Hospital, Country Branch	Unit of New York Orthopaedic Dispensary and Hospital, New York City						
St. Agnes Hospital●▲	Gen	Church	138	102	39	557	3,419
White Plains Hospital●▲○	Gen	NPAssn	179	106	24	315	3,752
Winifred Masterson Burke Relief Foundation	Conv	NPAssn	250	233	..	...	4,501
Willard, 200—Seneca							
Willard State Hospital○	Ment	State	3,069	2,982	..	...	407
Wingdale, 156—Dutchess							
Harlem Valley State Hospital▲○	Ment	State	4,800	4,446	..	...	505
Woodhaven, —Queens							
St. Anthony's Hospital	TB	Church	393	380	..	...	567
Wynantskill, 167—Rensselaer							
Pawling Sanatorium	TB	County	118	120	..	...	114
Yonkers, 142,598—Westchester							
Gray Oaks Hospital	TB	City	55	42	..	...	48
House of Rest at Sprain Ridge	TB	NPAssn	100	87	..	...	120
St. John's Riverside Hospital●▲○	Gen	NPAssn	176	141	24	585	4,428
St. Joseph's Hospital●▲	Gen	Church	177	91	20	370	3,067
Yonkers General Hospital▲○	Gen	NPAssn	142	108	32	602	3,236
Yonkers Professional Hosp.	Gen	Corp	100	61	25	440	2,237

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Albany, 130,577—Albany							
Albany's Hospital for Incurables	Incur	NPAssn	100	98	..	...	58
St. Margaret's House and Hospital	Inst	Church	55	44	..	...	77
Albion, 4,660—Orleans							
Albion State Training School	MeDe	State	484	410	3	10	103
Orleans Welfare Hospital	Gen	County	39	25	5	23	96
Alden, 954—Erie							
Erie County Penitentiary Hospital	Inst	County	27	12	..	...	111
Amityville, 5,058—Suffolk							
Brunswick Home	ConvNerv	Corp	400	292	..	...	505
Bainbridge, 1,450—Chenango							
Bainbridge Hospital	Gen	Indiv	12	4	5	24	209
Bedford Hills, 1,000—Westchester							
Westfield State Farm	Inst	State	48	35	11	...	640
Binghamton, 78,309—Broome							
Binghamton Training School for Nervous, Backward and Mental Defectives	MeDe	Indiv	50	40	..	...	13
Breesport, 406—Chemung							
Chemung County Home Infirmary	Inst	County	98	53	..	...	106
Brewster, 1,863—Putnam							
Mountainbrook Farm Sanit.	N&M	Indiv	20	15	..	...	45
Brooklyn, 2,698,285—Kings							
Brooklyn Hebrew Home and Hospital for Aged	Inst	NPAssn	704	590	..	...	212
Churchill Sanitarium	Gen	Indiv	12	3	3	11	69
Faith Home for Incurables	Incur	NPAssn	52	45	..	...	11
Buffalo, 575,901—Erie							
Buffalo Eye and Ear Infirmary and Wettlaufer Clinic	ENT	NPAssn	14	7	..	...	696
Ingleside Home	Mat	NPAssn	46	22	24	80	81
Calcium, 111—Jefferson							
Jefferson County Contagious Hospital	Iso	County	18	1	..	...	25
Camden, 2,021—Oneida							
Healthforte—Dr. Bell's Private Rest Home	N&M	Indiv	15	8	..	...	3
Canandaigua, 8,321—Ontario							
Canandaigua Health Home	Conv	Indiv	21	14	..	...	49
Castile, 902—Wyoming							
Greene Sanitarium (Castile Sanitarium)	Conv	Indiv	45	20	..	...	34
Cortland, 15,881—Cortland							
Ver Nooy Sanitarium	Gen	Indiv	13	9	6	93	365
Cragsmoor, 100—Ulster							
Vista Maria	Conv	Church	40	30	..	...	64
Dannemora, 4,830—Clinton							
Clinton Prison, General and Tuberculosis Hospital	Inst	State	138	88	..	...	977
Delhi, 1,841—Delaware							
Delaware Infirmary	Inst	County	14	11	..	...	306
Delhi Hospital	Gen	NPAssn	13	7	6	42	274
Eastview, 161—Westchester							
Solomon and Betty Loeb Memorial Home for Convalescents	Conv	NPAssn	108	104	..	...	1,543
Elmira, 45,106—Chemung							
Elmira Reformatory	Inst	State	100	23	..	...	956
Gleason Health Resort	Conv	Indiv	30	12	..	...	45
Far Rockaway, —Queens							
Wave Crest Convalescent Home	OrChil	NPAssn	70	76	..	...	142
Hancock, 1,581—Delaware							
Hancock Hospital	Gen	Indiv	10	3	5	25	73
Hawthorne, 357—Westchester							
Rosary Hill Home	Cancer	Church	110	...	..	...	...
Herkimer, 9,617—Herkimer							
Herkimer County Home Hospital	Inst	County	18	17	..	...	31
Industry, 280—Monroe							
Industry General Hospital	Inst	State	48	22	..	...	1,134
Iroquois, 40—Erie							
Thomas Indian School Hospital	Inst	State	36	...No data supplied			
Ithaca, 19,730—Tompkins							
Bailey-Jones Hospital	Gen	Indiv	14	5	..	...	198
Conklin Sanitarium	Gen	Indiv	9	6	..	...	126
Reconstruction Home	Orth	NPAssn	100	72	..	...	112
Johnson City, 18,039—Broome							
Mrs. Springer's Private Hospital	Mat	Indiv	17	4	14	127	146
Keene Valley, 400—Essex							
Keene Valley Neighborhood House and Hospital	Gen	NPAssn	11	4	2	18	118
Kingston, 28,589—Ulster							
Hackett Sanitarium and Nursing Home	Conv	Indiv	26	20	..	...	...
Lake Ronkonkoma, 49—Suffolk							
Gary de Vabre Academy	MeDe	Part	18	6	..	...	6
Margaretville, 812—Delaware							
Margaretville Hospital	Gen	NPAssn	14	6	5	52	250
Millgrove (Alden P.O.), 110—Erie							
Erie County Home and Infirmary	Inst	County	600	600	..	...	...
Montour Falls, 1,345—Schuyler							
Shepard Relief Hospital	Gen	NPAssn	28	21	6	124	673
Napanoch, 633—Ulster							
Institution for Male Defective Delinquents	MeDe	State	28	11	..	...	187
Newark, 9,646—Wayne							
Newark State School	MeDe	State	2,535	3,093	5	5	265
New York City, 7,454,995—New York							
Beth Abraham Home for Incurables	Incur	NPAssn	256	253	..	...	68
Bronxwood Sanitarium	Conv	Corp	24	12	..	...	71
Bryant Sanitarium	Mat	Indiv	10	2	10	68	68
Hebrew Convalescent Home	Conv	NPAssn	87	81	..	...	804
Home for Aged and Infirm Hebrews	Inst	NPAssn	29	23	..	...	175
Home for Dependents	Inst	City	1,747	1,780	..	...	887
Home for Hebrew Infants	Inst	NPAssn	61	21	..	...	761
Home for Incurables	Cancer	Church	348	329	..	...	218
House of Calvary	Cancer	Church	145	135	..	...	645
Regent Nursing Home	Conv	Indiv	19	12	..	...	334
Dr. Rogers' Hospital	N&M	Indiv	25	15	..	...	300
St. Andrew's Convalescent Hospital	Conv	Church	24	14	..	...	240

Key to symbols and abbreviations is on page 1083

NEW YORK—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
St. Mary's Hospital for Children	Conv	Church	60	53	..	...	503
St. Rose's Free Home for Incurable Cancer	Cancer	Church	92	85	..	...	350
Niagara Falls, 78,020—Niagara							
Niagara Falls Municipal Hospital	Iso	City	36	20	..	...	282
Oneonta, 11,731—Otsego							
Parshall Private Hospital	Gen	Indiv	28	10	6	80	342
Onondaga, 300—Onondaga							
Onondaga County Hospital	Inst	County	227	214	..	...	650
Oriskany, 1,115—Oneida							
Eastern Star Home and Infirmary	Inst	NPAssn	80	26	..	...	2
Ossining, 15,930—Westchester							
Greenmount-on-Hudson	Ment	Indiv	19	10	..	...	5
Sing Sing Prison Hospital	Inst	State	84	36	..	...	2,600
Oxford, 1,713—Chenango							
New York State Woman's Relief Corps Home	Inst	State	60	60	..	...	163
Palenville, 300—Greene							
St. Joseph's Burghardville Convalescent Home	Conv	Church	62	51	..	...	554
Pawling, 1,446—Dutchess							
White Oak Farm	N&M	Corp	19	12	..	...	2
Pelham Manor, 5,302—Westchester							
Pelham Home for Children	Carl	NPAssn	30	26	..	...	40
Pleasantville, 4,454—Westchester							
Hebrew Sheltering Guardian Orphan Asylum	Inst	NPAssn	34	9	..	...	631
Port Jervis, 9,740—Orange							
Deerpark Hospital	Gen	NPAssn	16	10	4	37	317
Poughkeepsie, 40,478—Dutchess							
Poughkeepsie City Home Infirmary	Inst	City	52	38	..	...	80
Vassar College Infirmary and Baldwin House	Inst	NPAssn	41	8	..	...	292
Queens Village, —Queens							
Queens Village Sanatorium	Gen	Indiv	11	6	8	49	121
Rhinebeck, 1,497—Dutchess							
Holiday Farm, Home for Convalescent Children	Conv	NPAssn	25	21	..	...	241
Rochester, 324,975—Monroe							
Convalescent Hospital for Children	Conv	NPAssn	70	44	..	...	164
Field Sanitarium	Conv	Indiv	30	16	..	...	94
Knorr Sanitarium	Conv	Indiv	35	10	..	...	52
Rockaway Park, —Queens							
Convalescent Home for Hebrew Children	OrthConv	NPAssn	112	99	..	...	321
Rome, 34,914—Oneida							
Rome State School	MeDe	State	3,646	3,475	24	16	273
Roslyn, 972—Nassau							
St. Francis Sanatorium for Cardiac Children	Card	Church	100	63	..	...	167
Rye, 9,865—Westchester							
Halcyon Rest	N&M	Indiv	43	33	..	...	85
Saranac Lake, 7,135—Franklin							
Franklin Manor	TB	Indiv	15	12	..	...	25
Owens Private Sanatorium	TB	Indiv	30	24	..	...	51
Schenectady, 87,549—Schenectady							
Bellevue Maternity Home	Mat	Indiv	19	15	20	531	527
Schenectady City Hospital	Iso	City	35	15	..	...	351
Schenectady County Home and Hospital	Inst	County	60	60	..	...	179
Sea Cliff, 4,416—Nassau							
Country Home for Convalescent Babies	Conv	NPAssn	70	55	..	...	519
Staten Island, 174,441—Richmond							
New York City Farm Colony	Inst	City	1,152	1,127	..	...	478
Sailors' Snug Harbor Hosp.	Gen	NPAssn	191	138	..	...	544
State School, —Orange							
Hospital of New York State Training School for Boys	Inst	State	36	10	..	...	502
Syracuse, 205,967—Onondaga							
Syracuse State School	MeDe	State	1,161	1,035	..	...	79
Thiells, 330—Rockland							
Letchworth Village	MeDe	State	3,600	3,879	6	10	483
Troy, 76,304—Rensselaer							
Rensselaer County Hospital	Inst	County	56	55	..	...	150
Troy Orphan Asylum	Inst	NPAssn	25	7	..	...	414
Tupper Lake, 5,451—Franklin							
American Legion Mountain Camp	Conv	NPAssn	55	40	..	...	176
Utica, 100,518—Oneida							
Children's Hospital Home	Orth	NPAssn	40	30	..	...	112
Valhalla, 626—Westchester							
Blythedale Hosp. and Home for Crippled Children	Orth	NPAssn	70	57	..	...	106
Valley Cottage, 931—Rockland							
Reed Farm and Nichols Cottage	ChildCard	Indiv	24	24	..	...	39
Wallkill, 700—Ulster							
Wallkill State Prison Hosp.	Inst	State	18	3	..	...	101
Wassaic, 526—Dutchess							
Wassaic State School	MeDe	State	4,279	4,651	6	15	519
Watertown, 33,385—Jefferson							
Jefferson County Home	Inst	County	25	20	..	...	15
White Plains, 40,327—Westchester							
Martine Farm Children's Cardiac Home	Card	Indiv	25	25	..	...	48
Williamsville, 3,614—Erie							
Josephine Goodyear Convalescent Home	ConvChil	Indiv	60	51	..	...	150
Woodbourne, 500—Sullivan							
Woodbourne Institution for Defective Delinquents	MeDe	State	769	672	..	...	229
Yonkers, 142,598—Westchester							
Yonkers City Hospital for Communicable Diseases	Iso	City	87	24	..	...	311

NORTH CAROLINA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Albemarle, 4,695—Stanly							
Stanly General Hospital	Gen	NPAssn	27	16	5	105	877
Yadkin Hospital	Gen	NPAssn	40	24	9	155	1,259
Asheboro, 6,381—Randolph							
Randolph Hospital	Gen	NPAssn	40	21	5	89	1,017
Asheville, 51,310—Buncombe							
Ambler Heights Sanitarium	TB	Corp	22	11	..	...	41
Appalachian Hall	N&M	Corp	175	62	..	...	327
Asheville Mission Hosp.	Gen	NPAssn	176	83	16	298	3,084
Asheville Physiatric Institute, Wesnoca	NervConv	Indiv	25	15	..	...	160
Aston Park Hospital	Gen	NPAssn	45	36	11	197	1,405
Norburn Hospital	Gen	NPAssn	40	32	3	60	1,416
St. Joseph's Hospital	Gen	Church	117	41	8	64	785
Zephyr Hill Sanatorium	TB	Indiv	30	21	..	...	30
Badin, 3,548—Stanly							
Badin Hospital	Gen	Corp	18	...No data supplied			
Banner Elk, 344—Avery							
Grace Hospital	Gen	Church	57	42	12	107	905
Beaufort, 3,272—Carteret							
Potter Emergency Hospital	Gen	Corp	12	2	4	42	276
Biltmore, 179—Buncombe							
Biltmore Hospital	Gen	NPAssn	50	44	10	168	1,417
Black Mountain, 1,042—Buncombe							
Realmont Park Sanat.	NervDrug	Corp	20	7	..	...	72
Fellowship Sanatorium of the Royal League	TB	NPAssn	20	13	..	...	10
Western North Carolina Sanatorium	TB	State	300	300	..	...	344
Brevard, 3,061—Transylvania							
Transylvania Community Hospital	Gen	NPAssn	23	7	2	49	388
Burlington, 12,908—Alamance							
Alamance General Hospital	Gen	NPAssn	45	26	5	200	1,442
Charlotte, 100,899—Mecklenburg							
Charlotte Eye, Ear & Throat Hospital	ENT	Part	20	15	..	...	1,721
Charlotte Memorial Hosp.	Gen	NPAssn	285	...	30	Estab. 1940	
Good Samaritan Hospital	Gen	Church	101	42	12	266	1,781
Mercy Hospital	Gen	Church	132	106	20	857	4,184
New Charlotte Sanatorium	Gen	Corp	100	83	10	18	3,637
Presbyterian Hospital	Gen	Church	116	106	12	405	4,039
Cherokee, 35—Swain							
Eastern Cherokee Indian Hospital	Gen	IA	28	10	7	84	619
Concord, 15,573—Cabarrus							
Cabarrus County Hospital	Gen	County	115	111	22	503	3,917
Crossnore, 300—Avery							
Garrett Memorial Hospital	Gen	NPAssn	20	13	11	108	576
Durham, 60,195—Durham							
Duke Hospital	Gen	NPAssn	453	349	50	677	11,880
Lincoln Hospital	Gen	NPAssn	95	56	8	180	1,792
McPherson Hospital	ENT	Indiv	20	11	..	...	891
Watts Hospital	Gen	NPAssn	200	127	35	531	4,977
Elizabeth City, 11,564—Pasquotank							
Albemarle Hospital	Gen	CyCo	45	21	6	77	642
Elkin, 2,734—Surry							
Hugh Chatham Memorial Hospital	Gen	Church	60	34	12	149	1,478
Erwin, 4,000—Harnett							
Good Hope Hospital	Gen	NPAssn	34	10	8	92	460
Fayetteville, 17,428—Cumberland							
Cumberland County Tuberculosis Sanatorium	TB	County	50	24	..	...	64
Highsmith Hospital	Gen	NPAssn	120	92	9	182	3,656
Pittman Hospital	Gen	NPAssn	100	61	12	123	2,084
Veterans Admin. Facility	Gen	Vet	310	...	..	Estab. 1940	
Fletcher, 60—Henderson							
Mountain Sanitarium and Hospital	Gen	Church	54	35	6	76	1,002
Fort Bragg, —Cumberland							
Station Hospital	Gen	Army	530	174	9	95	7,043
Franklin, 1,949—Macon							
Angel Hospital	Gen	Indiv	40	20	4	41	911
Gastonia, 21,313—Gaston							
City Hospital	Gen	Corp	80	...	10	96	...
Garrison General Hospital	Gen	NPAssn	48	25	12	239	1,079
Gaston County Negro Hosp.	Gen	County	22	10	2	9	306
North Carolina Orthopedic Hospital	Orth	State	160	100	..	...	382
Goldsboro, 17,274—Wayne							
Goldsboro Hospital	Gen	NPAssn	115	...No data supplied			
State Hospital	Ment	State	2,000	2,322	..	...	591
Greensboro, 59,319—Guilford							
Glenwood Park Sanitarium	N&M	Corp	25	22	..	...	325
Piedmont Memorial Hosp.	Gen	NPAssn	60	52	12	194	2,979

Key to symbols and abbreviations is on page 1083

NORTH CAROLINA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
L. Richardson Memorial Hospital◇	Gen	NPAssn	60	33	8	71	1,208
St. Leo's Hospital◇	Gen	Church	81	63	9	196	2,288
Sternberger Hosp. for Women and Children♣	Gen	NPAssn	42	34	10	207	1,631
Wesley Long Hospital	Gen	Corp	65	56	10	251	2,505
Greenville, 12,074—Pitt							
Pitt General Hospital	Gen	NPAssn	60	31	3	115	1,839
Hamlet, 5,111—Richmond							
Hamlet Hospital◇	Gen	NPAssn	45	39	5	69	1,043
Henderson, 7,647—Vance							
Jubilee Hospital	Gen	Church	30	23	2	53	480
Maria Parham Hospital♣	Gen	NPAssn	41	29	6	117	954
Hendersonville, 5,381—Henderson							
Patton Memorial Hospital	Gen	NPAssn	50	15	8	104	951
Hickory, 15,487—Catawba							
Hickory Memorial Hospital♣	Gen	NPAssn	30	13	6	80	703
Richard Baker Hospital♣	Gen	Indiv	55	29	10	237	1,341
High Point, 38,496—Guilford							
Burrus Memorial Hospital◇	Gen	NPAssn	68	50	7	231	2,067
Guilford General Hospital	Gen	NPAssn	38	27	5	255	1,688
Huntersville, 765—Mecklenburg							
Meckienburg Sanatorium♣	TB	County	170	141	..	...	115
Jamestown, 157—Guilford							
Guilford County Sanat.♣	TB	County	138	133	..	...	152
Kinston, 15,588—Lenoir							
Memorial General Hosp.♣◇	Gen	NPAssn	69	41	7	225	1,971
Perrott Memorial Hospital	Gen	NPAssn	40	...No data supplied			
Laurinburg, 5,085—Scotland							
Laurinburg Hospital	Gen	NPAssn	29	14	4	28	587
Leaksville, 1,880—Rockingham							
Leaksville General Hosp.♣◇	Gen	NPAssn	45	25	5	90	1,427
Lenoir, 7,508—Caldwell							
Blackwelder Hospital	Gen	NPAssn	25	14	7	178	735
Caldwell Hospital♣	Gen	NPAssn	25	12	2	50	605
Dula Hospital	Gen	Indiv	25	9	5	21	678
Lexington, 10,550—Davidson							
Davidson Hospital	Gen	County	19	11	2	70	672
Lincolnton, 4,525—Lincoln							
Gordon Crowell Memorial Hospital◇	Gen	Corp	42	23	4	80	1,408
Reeves Hospital	Gen	Indiv	45	16	7	67	702
Lumberton, 5,805—Robeson							
Baker Sanatorium◇	Gen	NPAssn	70	52	6	209	2,868
Thompson Memorial Hospitals◇	Gen	NPAssn	75	62	10	285	2,959
Marion, 2,980—McDowell							
Marion General Hospital	Gen	NPAssn	41	21	6	171	1,129
Mocksville, 1,607—Davie							
Mocksville Hospital	Gen	Indiv	19	5	6	134	1,758
Monroe, 6,475—Union							
Ellen Fitzgerald Hospital♣	Gen	NPAssn	55	24	5	88	1,081
Monroeville, 6,682—Iredell							
Lowrance Hospital◇	Gen	NPAssn	50	50	8	225	2,050
Morehead City, 3,695—Carteret							
Morehead City Hospital	Gen	City	25	10	6	77	430
Morganton, 7,670—Burke							
Broadoaks Sanatorium	N&M	Part	75	41	..	...	139
Grace Hospital◇	Gen	Church	82	52	18	346	3,305
State Hospital	Ment	State	2,501	2,279	..	...	584
Mt. Airy, 6,296—Surry							
Martin Memorial Hospital♣◇	Gen	NPAssn	44	42	6	63	1,065
Murphy, 1,873—Cherokee							
Petrie Hospital	Gen	Indiv	27	10	3	50	444
Nashville, 1,171—Nash							
R. R. Gay Nash County Tuberculosis Sanatorium	TB	County	30	27	..	...	48
New Bern, 11,815—Craven							
St. Luke's Hospital	Gen	NPAssn	35	16	3	60	941
Newton, 5,407—Catawba							
Catawba General Hospital	Gen	Corp	40	21	6	124	801
North Wilkesboro, 4,478—Wilkes							
Wilkes Hospital♣	Gen	NPAssn	51	29	6	128	1,542
Oteen, 504—Buncombe							
Veterans Admin. Facility♣	GenTb	Vet	850	709	..	...	1,348
Oxford, 3,561—Granville							
Granville Hospital	Gen	NPAssn	25	15	4	41	558
Susie Clayton Cheatham Memorial Hospital	Gen	NPAssn	14	7	1	21	370
Pinebluff, 336—Moore							
Pinebluff Sanitarium	N&M	Indiv	42	24	..	...	156
Pinehurst, 55—Moore							
Moore County Hospital♣◇	Gen	NPAssn	65	44	10	138	1,875
Raleigh, 46,897—Wake							
Central Prison Hospital	Gen	State	153	80	..	...	1,975
Mary Elizabeth Hospital◇	Gen	Corp	40	30	9	167	1,405
Rex Hospital♣◇	Gen	NPAssn	176	137	24	589	4,980
Royster Medical Center♣	Unit of State Hospital						
St. Agnes Hospital◇	Gen	Church	90	64	18	235	1,430
State Hospital◇	Ment	State	2,490	2,268	..	...	797
Wake County Tuberculosis Sanatorium	TB	CyCo	56	28	..	...	59
Reidsville, 10,587—Rockingham							
Memorial Hospital	Gen	NPAssn	50	29	6	179	1,581
Roanoke Rapids, 8,545—Halifax							
Roanoke Rapids Hospital◇	Gen	NPAssn	85	69	15	264	2,805
Rocky Mount, 25,568—Nash							
Atlantic Coast Line Hosp.♣	Indus	NPAssn	50	31	..	...	703
Park View Hospital◇♣	Gen	NPAssn	110	75	10	216	2,655
Rocky Mount Sanitarium◇	Gen	NPAssn	74	43	6	106	1,414
Speight-Stone-Bunn Clinic-Hospital	Gen	Part	10	...No data supplied			

NORTH CAROLINA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Roseboro, 939—Sampson							
Brewer-Starling Clinic	Gen	Part	10	2	3	29	169
Roxboro, 4,509—Person							
Community Hospital	Gen	NPAssn	25	13	4	74	678
Rutherfordton, 2,226—Rutherford							
Rutherford Hospital♣◇	Gen	NPAssn	60	35	2	51	1,778
Salisbury, 19,057—Rowan							
Rowan Memorial Hospital♣	Gen	NPAssn	108	58	13	218	2,392
Sanatorium, 57—Hoke							
North Carolina Sanatorium for the Treatment of Tuberculosis◇	TB	State	650	585	..	...	821
Sanford, 4,900—Lee							
Lee County Hospital	Gen	County	40	27	4	98	1,402
Shelby, 14,057—Cleveland							
Shelby Hospital◇	Gen	CyCo	66	65	10	371	2,844
Siler City, 2,197—Chatham							
Chatham Hospital	Gen	NPAssn	16	6	3	50	437
Smithfield, 3,678—Johnston							
Johnston County Hospital	Gen	NPAssn	27	20	8	49	631
Southern Pines, 3,225—Moore							
Pine Crest Manor Sanat.	TB	Indiv	43	22	..	...	42
Southport, 1,749—Brunswick							
J. Arthur Dosher Memorial Hospital	Gen	CyCo	50	17	4	46	682
Statesville, 11,449—Iredell							
Davis Hospital◇	Gen	NPAssn	130	98	12	158	3,849
H. F. Long Hospital♣◇	Gen	NPAssn	65	47	6	102	1,916
Sylva, 1,409—Jackson							
C. J. Harris Community Hospital	Gen	NPAssn	20	12	3	38	466
Tabor City, 15,521—Columbus							
Williams Clinic Hospital	Gen	Indiv	15	4	6	77	366
Tarboro, 7,148—Edgecombe							
Bass Memorial Hospital	Gen	Indiv	8	5	5	11	120
Edgecombe General Hosp.♣	Gen	NPAssn	44	24	6	83	890
Thomasville, 11,041—Davidson							
City Memorial Hospital	Gen	NPAssn	32	24	3	113	974
Tryon, 2,045—Polk							
St. Luke's Hospital	Gen	NPAssn	29	12	6	72	586
Valdese, 2,615—Burke							
Valdese General Hospital	Gen	NPAssn	33	17	6	69	812
Wadesboro, 3,387—Anson							
Anson Sanatorium	Gen	NPAssn	45	29	8	97	1,145
Washington, 8,569—Beaufort							
Taylor Hospital◇	Gen	NPAssn	60	35	6	196	1,482
Waynesville, 2,946—Haywood							
Haywood County Hospital	Gen	County	75	57	10	265	2,193
Whiteville, 3,011—Columbus							
Columbus County Hospital	Gen	NPAssn	50	26	10	149	1,297
Williamston, 3,966—Martin							
Brown Community Hospital	Gen	Indiv	14	6	6	47	2,190
Wilmington, 33,407—New Hanover							
Bullock Hospital♣	Gen	Indiv	32	16	3	28	537
Community Hospital	Gen	CyCo	49	18	12	107	860
James Walker Memorial Hospital◇♣	Gen	NPAssn	177	139	20	813	5,733
Wilmington Tuberculosis Sanitarium	TB	NPAssn	41	40	..	...	58
Wilson, 19,234—Wilson							
Carolina General Hospital♣◇	Gen	NPAssn	45	32	8	162	1,293
Woodard-Herring Hosp.♣◇	Gen	NPAssn	73	34	6	124	1,641
Winston-Salem, 79,815—Forsyth							
City Hospital♣	Gen	City	318	243	37	1,102	8,729
City Memorial Hospital	White Division of City Hospital						
Forsyth County Hospital	Gen	County	44	...No data supplied			
Forsyth County Sanat.♣	TB	County	108	141	..	...	102
Kate Bitting Reynolds Memorial Hospital	Colored Division of City Hospital						
North Carolina Baptist Hospital◇	Gen	Church	106	104	16	580	3,606
Wrightsville Sound, 25—New Hanover							
Babies Hospital	Chil	NPAssn	35	15	3	...	326

Related Institutions

Asheboro, 6,981—Randolph							
Barnes and Griffin Clinic	Gen	Part	10	5	3	67	216
Asheville, 51,310—Buncombe							
Asheville Orthopedic Home	Orth	NPAssn	20	17	..	...	113
Pisgah Sanitarium and Hospital	Gen	Church	28	11	3	11	319
Sunset Heights♣	TB	Corp	16	12	..	...	...
Violet Hill Sanatorium	TB	Indiv	37	21	..	...	28
Charlotte, 100,899—Mecklenburg							
Florence Crittenton Industrial Home	Mat	NPAssn	25	20	5	34	33
Davidson, 1,550—Mecklenburg							
Davidson College Infirmary	Inst	NPAssn	25	4	..	...	190
Fayetteville, 17,428—Cumberland							
Fayetteville Eye, Ear, Nose and Throat Hospital	ENT	Part	12	4	..	...	550
Goldsboro, 17,274—Wayne							
Whispering Cedars Rest Home	Conv	Indiv	11	4	..	...	374
Halifax, 374—Halifax							
Halifax County Tuberculosis Sanitarium	TB	County	28	20	..	...	39
Henderson, 7,647—Vance							
Scott Parker Sanatorium	TB	County	14	13	..	...	6
Kinston, 15,588—Lenoir							
Caswell Training School	MeDe	State	717	745	..	...	80
New Bern, 11,815—Craven							
Good Shepherd Hospital	Gen	Church	34	14	4	32	390

Key to symbols and abbreviations is on page 1083

NORTH CAROLINA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
North Wilkesboro, 4,478—Wilkes							
Wilkes County Tuberculosis Hut	TB	County	14	12	..	...	18
Raleigh, 46,897—Wake							
McCauley Private Hospital	Gen	Indiv	10	2	2	11	92
North Carolina State School for the Blind and Deaf	Inst	State	36	5	..	...	300
Sabada, 539—Polk							
Infants and Children's Sanit.	Chil	Indiv	55	20	..	...	105
Spartanburg Baby Hospital	Chil	NPAssn	35	22	..	...	121
Tarboro, 7,148—Edgecombe							
Edgecombe County Tuberculosis Sanatorium	TB	County	32	30	..	...	56
Thomasville, 11,041—Davidson							
Mills Home Infirmary	Inst	Church	25	...No data supplied			
Wilson, 19,254—Wilson							
Mercy Hospital	Gen	CyCo	25	19	2	18	497

NORTH DAKOTA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Ambrose, 394—Divide							
Lutheran Good Samaritan Hospital	Gen	Church	15	6	5	44	...
Belcourt, 205—Rolette							
Turtle Mountain Hospital	Gen	IA	50	12	10	175	1,185
Bismarck, 15,696—Burleigh							
Bismarck Evangelical Hospital△◇	Gen	Church	128	90	12	188	2,765
St. Alexius Hospital△◇	Gen	Church	135	80	12	225	3,184
Bottineau, 1,739—Bottineau							
St. Andrew's Hospital△	Gen	Church	75	50	12	157	1,677
Carrington, 1,850—Foster							
Carrington Hospital	Gen	NPAssn	18	5	5	35	320
Devils Lake, 6,394—Ramsey							
General Hospital△◇	Gen	NPAssn	50	35	8	80	1,652
Mercy Hospital△◇	Gen	Church	100	50	26	210	1,756
Dickinson, 5,839—Stark							
St. Joseph's Hospital△	Gen	Church	86	41	14	200	1,371
Drayton, 686—Pembina							
Drayton Hospital	Gen	Indiv	13	10	4	48	475
Fargo, 32,580—Cass							
St. John's Hospital◇◇	Gen	Church	155	115	30	712	3,803
St. Luke's Hospital△◇	Gen	Church	102	80	15	324	2,973
Veterans Admin. Facility△	Gen	Vet	181	147	..	...	1,347
Fort Lincoln (Bismarck P.O.), —Burleigh							
Station Hospital	Gen	Army	51	25	3	11	434
Fort Totten, 125—Benson							
Fort Totten Hospital	Gen	IA	37	15	4	61	502
Fort Yates, 809—Sioux							
Standing Rock Indian Hosp.	Gen	IA	53	18	5	75	688
Grafton, 4,076—Walsh							
Grafton Deaconess Hosp.△◇	Gen	Church	50	41	10	349	1,266
Grand Forks, 20,228—Grand Forks							
Grand Forks Deaconess Hospital◇	Gen	NPAssn	85	65	20	404	3,402
St. Michael's Hospital△◇	Gen	Church	63	46	15	345	1,878
Harvey, 1,851—Wells							
St. Aloisius Hospital	Gen	Church	30	19	7	113	846
Jamestown, 8,780—Stutsman							
North Dakota State Hospital for Insane△	Ment	State	2,000	1,898	...	...	474
Trinity Hospital◇	Gen	Church	77	44	12	162	1,335
Kenmare, 1,528—Ward							
Kenmare Deaconess Hospital	Gen	Church	45	17	5	95	497
Langdon, 1,546—Cavalier							
Mercy Hospital	Gen	Church	35	22	12	136	1,013
Linton, 1,602—Emmons							
Linton Hospital	Gen	NPAssn	7	4	5	46	185
Mandan, 6,085—Morton							
Mandan Deaconess Hospital	Gen	Church	40	29	8	156	1,006
McVille, 548—Nelson							
Community Hospital	Gen	Part	16	7	4	70	347
Minot, 16,577—Ward							
St. Joseph's Hospital△◇	Gen	Church	125	69	15	342	2,275
Trinity Hospital◇◇	Gen	Church	152	106	22	367	3,326
New Rockford, 2,017—Eddy							
City Hospital	Gen	Church	30	12	8	87	516
Northwood, 1,063—Grand Forks							
Northwood Deaconess Hosp.	Gen	NPAssn	25	13	6	62	400
Oakes, 1,965—Dickey							
Mercy Hospital	Gen	Church	15	5	5	53	250
Rolette, 409—Rolette							
Community Hospital	Gen	NPAssn	20	8	5	42	115
Rolla, 1,168—Rolette							
Rolla Community Hospital	Gen	City	26	...	5	Estab.	1940
Rugby, 2,715—Pierce							
Good Samaritan Hospital◇	Gen	Church	62	53	15	307	3,254
San Haven, —Rolette							
North Dakota State Tuberculosis Sanatorium◆	TB	State	308	307	..	...	224
Valley City, 5,917—Barnes							
Mercy Hospital△◇	Gen	Church	100	55	13	305	1,642
Wahpeton, 5,747—Richland							
Wahpeton Hospital	Gen	Part	25	12	5	50	486
Williston, 5,760—Williams							
Good Samaritan Hospital△	Gen	Church	40	29	10	140	1,164
Mercy Hospital△◇	Gen	Church	85	50	12	154	1,982

NORTH DAKOTA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Bismarck, 15,696—Burleigh							
North Dakota State Penitentiary Hospital	Inst	State	25	19	..	...	200
Bowman, 967—Bowman							
Bowman Hospital	Gen	Indiv	12	4	6	35	209
Elbowoods, 139—McLean							
Fort Berthold Indian Hosp.	Gen	IA	28	13	5	51	616
Elgin, 583—Grant							
Elgin Hospital	Gen	Indiv	13	6	5	84	220
Fargo, 32,580—Cass							
Camp Maternity Hospital	Mat	Indiv	15	2	9	29	29
Cass County Hospital	Gen	County	30	23	4	74	459
Florence Crittenton Home	Mat	NPAssn	58	30	30	74	109
Grafton, 4,076—Walsh							
Grafton State School	MeDe	State	950	905	..	...	94
Grand Forks, 20,228—Grand Forks							
Grand Forks City Hospital	Iso	City	15	1	..	...	18
Jamestown, 8,780—Stutsman							
Jamestown Hospital	Gen	NPAssn	58	22	6	83	861
Mayville, 1,353—Traill							
Union Hospital	Gen	NPAssn	16	9	7	91	475

OHIO

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Akron, 244,791—Summit							
Children's Hospital◆△◇	Chil	NPAssn	110	93	..	...	4,212
City Hospital◇◆△	Gen	NPAssn	327	301	41	1,860	12,993
Edwin Shaw Sanatorium△	TB	County	204	180	..	...	192
Peoples Hospital◆△◇	Gen	NPAssn	137	111	34	842	4,347
St. Thomas Hospital◆◇△	Gen	Church	148	120	27	873	5,909
Alliance, 22,065—Stark							
Alliance City Hospital△◇	Gen	City	85	48	15	384	1,615
Amherst, 2,806—Lorain							
Pleasant View Sanatorium	TB	County	96	87	..	...	83
Ashland, 12,453—Ashland							
Samaritan Hospital◇	Gen	NPAssn	96	24	12	319	1,681
Ashtabula, 21,065—Ashtabula							
Ashtabula General Hospital◇	Gen	NPAssn	77	48	13	250	1,711
Athens, 7,096—Athens							
Athens State Hospital	Ment	State	1,886	1,767	..	...	429
Sheltering Arms Hospital	Gen	Part	40	18	9	111	706
Barberton, 24,028—Summit							
Citizens Hospital△	Gen	Corp	57	35	18	396	1,657
Bedford, 7,200—Cuyahoga							
Bedford Municipal Hospital	Gen	City	36	19	9	163	782
Bellaire, 13,799—Belmont							
City Hospital△	Gen	NPAssn	45	26	5	280	984
Bellevue, 8,127—Huron							
Bellevue Hospital	Gen	NPAssn	30	16	8	128	600
Berea, 6,025—Cuyahoga							
Community Hospital	Gen	NPAssn	39	25	10	187	925
Bryan, 5,404—Williams							
Cameron Hospitals	Gen	NPAssn	16	9	5	99	475
Bucyrus, 9,727—Crawford							
Bucyrus City Hospital	Gen	City	40	27	9	174	1,043
Cambridge, 15,044—Guernsey							
St. Francis Hospital	Gen	Indiv	25	10	3	52	546
Canton, 108,401—Stark							
Aultman Hospital◆△◇	Gen	NPAssn	137	107	24	800	5,991
Little Flower Hospital	Unit of Mercy Hospital						
Mercy Hospital◆◇△	Gen	Church	202	161	33	1,291	6,605
Molly Stark Sanatorium	TB	County	166	139	..	...	211
Celina, 4,841—Mercer							
Otis Hospital	Gen	Indiv	26	10	4	79	529
Chagrin Falls, 2,565—Cuyahoga							
Windsor Hospital	N&M	Corp	54	39	..	...	285
Chillicothe, 20,129—Ross							
Chillicothe Hospital	Gen	NPAssn	55	38	10	202	1,021
Mt. Logan Sanatorium	TB	Counties	64	59	..	...	43
U. S. Industrial Reformatory◆	Inst	Fed	73	38	..	...	1,500
Veterans Admin. Facility△	Ment	Vet	1,522	1,350	..	...	686
Cincinnati, 455,610—Hamilton							
Bethesda Hospital◆△◇	Gen	Church	199	151	40	1,657	5,672
Children's Hospital◆△	Chil	Church	211	133	..	...	4,531
Christ Hospital◆△◇	Gen	Church	334	247	54	1,153	8,408
Christian R. Holmes Hosp.△	Gen	City	52	33	..	...	1,125
Cincinnati General Hospital◆◆△◇	Gen	City	900	641	65	2,424	16,248
Cincinnati Sanitarium△	N&M	Corp	75	60	..	...	179
Deaconess Hospital◆◇△	Gen	Church	150	119	25	681	4,385
Good Samaritan Hosp.◆◆△	Gen	Church	510	373	65	1,701	12,123
Hamilton County Tuberculosis Hospital◆△	TB	County	583	541	..	...	500
Jewish Hospital◆◆△	Gen	NPAssn	360	165	40	800	5,702
Longview State Hospital◆△	Ment	State	2,655	2,733	..	...	658
Ohio Hospital for Women and Children	Unit of Bethesda Hospital						
St. Mary Hospital△	Gen	Church	195	153	39	632	4,494
Circleville, 7,982—Pickaway							
Berger Hospital	Gen	City	25	14	6	127	606
Cleveland, 878,336—Cuyahoga							
Babies and Childrens Hosp.	Unit of University Hospitals						
City Hospital◆◆△◇	Gen	City	1,592	1,217	50	1,410	12,652
City Psychopathic Hospital	Unit of City Hospital						
Cleveland Clinic Foundation Hospital◆△	Gen	NPAssn	238	174	..	...	6,620

Key to symbols and abbreviations is on page 1083

OHIO—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census†	Bassinets	Number of Births	Admissions†
Cleveland State Hospital▲◇	Ment	State	2,281	2,293	..	...	780
East 55th Street Hospital	Gen	Corp	60	6	12	6	79
Evangelical Deaconess Hospital▲	Gen	Church	132	128	32	769	3,233
Fairview Park Hospital●▲◇	Gen	Church	136	87	51	692	3,737
Glenville Hospital♦▲◇	Gen	NPAssn	89	91	26	642	3,480
Grace Hospital▲	Gen	NPAssn	68	31	12	175	1,621
John H. Lowman Memorial Pavilion	Unit of City Hospital						
Lakeside Hospital	Unit of University Hospitals						
Leonard C. Hanna House	Unit of University Hospitals						
Lutheran Hospital●▲◇	Gen	Church	109	119	28	791	3,671
Maternity Hospital	Unit of University Hospitals						
Mt. Sinai Hospital●♦▲◇	Gen	NPAssn	225	196	45	918	8,044
Polyclinic Hospital▲	Gen	NPAssn	105	73	15	320	2,424
Prospect Hospital	N&M	Corp	100	88	..	...	19
St. Alexis Hospital●♦▲◇	Gen	Church	239	149	..	...	5,908
St. Ann's Maternity Hospital♦▲◇	Mat	Church	64	52	58	1,859	2,015
St. John's Hospital●♦▲◇	Gen	Church	194	170	32	1,123	7,164
St. Luke's Hospital●♦▲◇	Gen	Church	336	280	55	1,428	10,074
St. Vincent Charity Hospital●♦▲◇	Gen	Church	295	248	..	...	7,190
U. S. Marine Hospital▲	Gen	USPHS	306	236	..	...	3,200
University Hospitals●♦▲◇	Gen	NPAssn	777	592	108	2,518	18,902
Woman's Hospital●▲	Gen	NPAssn	83	82	17	538	3,609
Columbus, 306,087—Franklin							
Children's Hospital♦▲◇	Chil	NPAssn	132	93	..	...	2,784
Columbus State Hospital♦	Ment	State	2,600	2,587	..	...	567
Franklin County Tuberculosis Hospital♦▲	TB	County	309	291	..	...	329
Dr. Gaver Sanitarium	N&M	Indiv	25	...	..	...	...
Grant Hospital♦▲◇	Gen	NPAssn	261	187	40	955	6,695
McMillen Sanitarium	N&M	Corp	33	22	..	...	168
Mercy Hospital▲	Gen	NPAssn	65	35	15	99	1,614
Mt. Carmel Hospital●▲◇	Gen	Church	200	170	25	920	5,804
St. Ann's Infant Asylum and Maternity Hospital▲	Mat	Church	25	17	25	712	735
St. Anthony Hospital	Gen	Church	201	176	..	...	1,258
St. Francis Hospital●▲◇	Gen	State	160	128	..	...	2,818
Starling-Loving University Hospital●♦▲◇	Gen	State	264	180	32	754	6,491
Station Hospital▲	Gen	Army	139	119	3	29	2,163
White Cross Hospital●♦▲◇	Gen	Church	271	210	28	1,278	7,092
Conneaut, 9,355—Ashtabula							
Brown Memorial Hospital	Gen	NPAssn	30	19	8	178	920
Coshocton, 11,509—Coshocton							
Coshocton City Hospital◇	Gen	City	63	24	8	222	1,521
Crestline, 4,337—Crawford							
Crestline Emergency Hosp.	Gen	NPAssn	17	9	4	61	288
Cuyahoga Falls, 20,546—Summit							
Fair Oaks Villa	N&M	NPAssn	82	72	..	...	352
Dayton, 210,718—Montgomery							
Dayton State Hospital	Ment	State	1,883	1,737	..	...	497
Good Samaritan Hosp.●▲◇	Gen	Church	227	191	48	1,292	6,630
Miami Valley Hospital●♦▲◇	Gen	NPAssn	356	306	44	1,410	10,317
St. Ann's Maternity Hosp.	Unit of St. Elizabeth Hospital						
St. Elizabeth Hospital●▲◇	Gen	Church	330	199	35	1,508	7,059
Stillwater Sanatorium	TB	Counties	175	104	..	...	210
Defiance, 9,744—Defiance							
Defiance Hospital	Gen	NPAssn	35	24	10	223	1,207
Dennison, 4,413—Tuscarawas							
Twin City Hospital	Gen	NPAssn	28	15	9	121	602
Dover, 9,691—Tuscarawas							
Union Hospital	Gen	NPAssn	75	38	10	158	1,300
East Cleveland, 39,495—Cuyahoga							
Huron Road Hospital●♦▲◇	Gen	NPAssn	262	189	65	1,358	8,045
East Liverpool, 23,555—Columbiana							
East Liverpool City Hosp.▲◇	Gen	City	85	59	15	439	2,168
Elyria, 25,120—Lorain							
Elyria Memorial Hospital▲◇	Gen	NPAssn	130	73	28	667	3,016
Gates Hospital for Crippled Children	Unit of Elyria Memorial Hospital						
Findlay, 20,228—Hancock							
Findlay Hospital▲	Gen	NPAssn	64	37	12	345	1,648
Fremont, 14,710—Sandusky							
Community Hospital	Gen	NPAssn	14	8	4	41	276
Memorial Hospital of Sandusky County▲	Gen	NPAssn	60	45	17	400	1,483
Galion, 8,685—Crawford							
Good Samaritan Hospital	Gen	NPAssn	12	...No data supplied			
Gallipolis, 7,832—Gallia							
Holzer Hospital▲◇	Gen	Part	54	38	4	74	1,892
Ohio Hospital for Epileptics	Epil	State	2,291	2,080	..	...	302
Green Springs, 930—Sandusky and Seneca							
Oak Ridge Sanatorium	TB	Indiv	75	60	..	...	82
Greenville, 7,745—Darke							
Wayne Hospital	Gen	NPAssn	28	21	6	126	1,301
Hamilton, 50,592—Butler							
Fort Hamilton Hospital▲	Gen	NPAssn	85	44	24	252	1,624
Mercy Hospital●▲◇	Gen	Church	190	110	30	663	3,547
Hillsboro, 4,713—Highland							
Hillsboro Hospital	Gen	NPAssn	17	10	4	71	529
Ironton, 15,851—Lawrence							
Charles S. Gray Deaconess Hospital	Gen	NPAssn	50	25	5	87	857
Lawrence County General Hospital	Gen	County	63	30	12	273	1,349
Kenton, 7,593—Hardin							
McKitrick Hospital	Gen	NPAssn	25	20	5	84	672
San Antonio Hospital	Gen	Church	25	22	6	70	541
Lacarne, 200—Ottawa							
Station Hospital	Gen	Army	28	2	..	...	94
Lakewood, 69,160—Cuyahoga							
Lakewood Hospital▲	Gen	City	127	53	28	421	2,460
Lima, 44,711—Allen							
District Tuberculosis Hosp.	TB	Counties	125	98	..	...	122
Lima Memorial Hospital●◇	Gen	NPAssn	124	86	21	580	3,376
Lima State Hospital	Ment	State	1,076	1,146	..	...	176
St. Rita's Hospital●◇	Gen	Church	100	62	16	373	2,815
Lodi, 1,304—Medina							
Lodi Hospital	Gen	NPAssn	30	20	10	254	1,057
Logan, 6,177—Hocking							
Cherrington Hospital	Gen	NPAssn	35	11	5	47	344
Lorain, 44,125—Lorain							
St. Joseph's Hospital▲	Gen	Church	100	60	20	616	2,880
Macedonia, 734—Summit							
Hawthornden State Hospital	Ment	State	836	785	..	...	131
Mansfield, 37,154—Richland							
Mansfield General Hosp.♦▲◇	Gen	NPAssn	162	101	28	808	4,618
Richland County Tuberculosis Sanatorium	TB	County	29	..	...	Estab. 1940	
Marietta, 14,543—Washington							
Marietta Memorial Hospital	Gen	NPAssn	54	34	10	246	1,579
Marion, 30,817—Marion							
Marion City Hospital	Gen	City	50	45	14	300	2,000
Sawyer Sanatorium▲	N&M	Part	50	22	..	...	119
Martins Ferry, 14,729—Belmont							
Martins Ferry Hospital▲◇	Gen	NPAssn	89	74	11	359	2,581
Massillon, 26,644—Stark							
Massillon City Hospital▲◇	Gen	NPAssn	92	68	14	443	2,023
Massillon State Hospital▲	Ment	State	3,350	3,305	..	...	747
McConnelsville, 1,895—Morgan							
Rocky Glen Sanatorium	TB	Corp	150	138	..	...	118
Mentor, 1,827—Lake							
Dellhurst Sanitarium	N&M	Corp	40	36	..	...	92
Middletown, 31,220—Butler							
Middletown Hospital▲◇	Gen	NPAssn	146	98	28	710	3,113
Millersburg, 2,239—Holmes							
Joel Pomerene Memorial Hospital	Gen	County	25	15	5	115	680
Mt. Vernon, 10,122—Knox							
Mercy Hospital	Gen	Church	61	30	13	279	1,482
Mt. Vernon Hospital-Sanit.	Gen	NPAssn	45	24	5	106	747
Ohio State Sanatorium▲	TB	State	240	192	..	...	402
National Military Home, —Montgomery							
Veterans Admin. Facility▲	Gen	Vet	1,050	949	..	...	5,730
Newark, 31,487—Licking							
Licking County Tuberculosis Sanatorium	TB	County	57	42	..	...	70
Newark Hospital▲◇	Gen	NPAssn	90	52	18	309	2,076
New Philadelphia, 12,328—Tuscarawas							
Tuscarawas Valley Sanat.	TB	County	35	24	..	...	62
Norwalk, 8,211—Huron							
Norwalk Memorial Hospital	Gen	NPAssn	28	16	7	223	673
North Royalton (Brecksville P.O.), 2,559—Cuyahoga							
Mount Royal Sanatorium	TB	Corp	110	109	..	...	129
Oberlin, 4,305—Lorain							
Allen Hosp., Oberlin College	Gen	NPAssn	36	18	5	133	1,120
Painesville, 12,235—Lake							
Lake County Memorial Hospital	Gen	County	70	54	14	454	1,781
Perrysburg, 3,457—Wood							
Community Hospital	Gen	Indiv	13	5	3	65	263
Rheinfrank Hospital	Goiter	Indiv	13	5	..	...	221
Piqua, 16,049—Miami							
Memorial Hospital▲	Gen	NPAssn	65	50	12	322	1,758
Port Clinton, 4,505—Ottawa							
H. B. Magruder Memorial Hospital	Gen	NPAssn	42	...	10	Estab. 1940	
Portsmouth, 40,466—Scioto							
Mercy Hospital◇	Gen	Church	66	42	9	245	2,077
Portsmouth General Hosp.◇	Gen	City	90	50	10	335	1,892
Schirrman Hospital▲◇	Gen	Corp	50	24	5	58	775
Ravenna, 8,538—Portage							
Robinson Memorial Hospital	Gen	County	49	42	11	339	1,571
St. Clairsville, 2,797—Belmont							
Belmont Sanatorium	TB	County	56	53	..	...	45
Salem, 12,301—Columbiana							
Central Clinic and Hospital	Gen	NPAssn	30	...No data supplied			
Salem City Hospital▲◇	Gen	NPAssn	60	50	10	288	1,569
Sandusky, 24,874—Erie							
Good Samaritan Hospital▲	Gen	NPAssn	66	24	9	204	986
Providence Hospital	Gen	Church	50	24	15	206	994
Shelby, 6,643—Richland							
Shelby Memorial Hospital	Gen	NPAssn	34	18	6	195	772
Sidney, 9,790—Shelby							
Wilson Memorial Hospital▲	Gen	NPAssn	30	20	12	181	750
South Euclid, 6,146—Cuyahoga							
Rainbow Hosp. for Crippled and Convalescent Children	Unit of University Hospitals, Cleveland						
Springfield, 70,662—Clark							
Clark County Tuberculosis Sanatorium	TB	County	120	101	..	...	92
Springfield City Hospital●▲◇	Gen	City	258	134	40	699	5,058
Steubenville, 37,651—Jefferson							
Gill Memorial Hospital	Gen	Church	25	18	..	...	904
Ohio Valley Hospital▲◇	Gen	NPAssn	164	131	31	779	4,951
Tiffin, 16,102—Seneca							
Mercy Hospital	Gen	Church	37	24	10	198	818
Toledo, 282,349—Lucas							
East Side Hospital	Gen	NPAssn	41	18	4	34	510
Flower Hospital●▲◇	Gen	Church	133	98	33	468	3,218
Lucas County General Hospital●♦▲◇	Gen	County	292	205	33	547	4,584
Mercy Hospital●▲◇	Gen	Church	120	99	25	519	3,247
Robinwood Hospital▲◇	Gen	Church	91	54	13	137	1,243

Key to symbols and abbreviations is on page 1033

OHIO—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
St. Vincent's Hospital♣♣○	Gen	Church	300	272	45	995	7,956
Toledo Hospital♣♣○	Gen	NPAssn	270	166	50	962	5,803
Toledo Sanitarium	N&M	Corp	20	6	..	...	50
Toledo State Hospital♣♣○	Ment	State	2,851	2,787	..	...	777
William W. Roche Memorial Tuberculosis Hospital	TB	County	166	150	..	...	300
Women's and Children's Hospital♣○	Gen	NPAssn	116	86	26	547	2,491
Troy, 9,697—Miami							
Stouder Memorial Hospital♣	Gen	NPAssn	44	32	8	235	1,339
Urbana, 8,335—Champaign							
Champaign County Hospital	Gen	County	35	22	9	143	620
Van Wert, 9,277—Van Wert							
Van Wert County Hospital	Gen	NPAssn	44	29	6	139	887
Wadsworth, 6,495—Medina							
Wadsworth Municipal Hosp.	Gen	City	28	21	10	180	781
Warren, 42,837—Trumbull							
St. Joseph's Riverside Hosp.♣	Gen	Church	50	41	10	451	2,958
Trumbull County Tuberculosis Sanatorium	TB	County	50	45	..	...	65
Warren City Hospital♣○	Gen	NPAssn	115	100	20	712	4,002
Warrensville, 1,267—Cuyahoga							
Sunny Acres, Cleveland Tuberculosis Sanatorium♣♣	TB	City	434	425	..	...	500
Wauseon, 3,616—Fulton							
Dr. Ella Harrison Detwiler Memorial Hospital♣	Gen	NPAssn	52	28	7	144	1,297
Willard, 4,261—Huron							
Willard Municipal Hospital	Gen	City	36	20	6	95	887
Wilmington, 5,971—Clinton							
Dr. Kelley Hale Surgical Hospital	Gen	Indiv	17	5	7	18	230
Wooster, 11,543—Wayne							
Beeson Hospital	Gen	NPAssn	22	10	6	95	516
Kinney Memorial Emergency Hospital	Gen	NPAssn	25	7	4	42	250
Wooster Hospital	Gen	Part	25	9	6	87	487
Worthington, 1,560—Franklin							
Harding Sanitarium♣♣	N&M	Corp	50	40	..	...	366
Xenia, 10,625—Greene							
McClellan Hospital♣	Gen	Corp	20	13	4	68	513
Youngstown, 167,720—Mahoning							
Mahoning Tuberculosis Sanatorium	TB	County	180	180	..	...	165
St. Elizabeth's Hospital♣♣○	Gen	Church	235	192	50	1,450	8,731
Youngstown Hospital♣♣○	Gen	NPAssn	451	348	64	1,551	12,205
Zanesville, 37,500—Muskingum							
Bethesda Hospital○	Gen	NPAssn	110	74	20	485	3,072
Good Samaritan Hospital○	Gen	Church	120	74	20	466	2,484
Related Institutions							
Akron, 244,791—Summit							
Akron Clinic	Gen	Part	12	4	..	...	434
Goodyear Hospital and Dispensary	Indus	NPAssn	12	3	..	...	112
Just-A-Mere Home and Hospital	N&M	NPAssn	150	120	..	...	216
Apple Creek, 510—Wayne							
Institution for Feebleminded	MeDe	State	698	592	..	...	25
Barnesville, 5,906—Belmont							
Community Hospital	Gen	NPAssn	12	4	2	24	145
Bay Village, 3,356—Cuyahoga							
Cedarcrest Sanitarium	N&M	Corp	100	37	..	...	58
Bellefontaine, 9,846—Logan							
Harbert Hospital	ENT	Indiv	6	1	..	...	128
Bluffton, 2,077—Allen							
Bluffton Community Hosp.	Gen	NPAssn	22	14	4	107	455
Cambridge, 15,044—Guernsey							
Children and Maternity Hospital	MatCh	Indiv	25	8	8	55	502
Swan Hospital	Gen	NPAssn	35	6	4	27	316
Celina, 4,841—Mercer							
Gibbons Hospital	Gen	NPAssn	20	12	4	99	655
Cincinnati, 455,610—Hamilton							
Catherine Booth Home and Hospital	Mat	Church	40	18	45	195	324
Children's Convalescent Home of the Cincinnati Orphan Asylum♣	Inst	NPAssn	100	76	..	...	183
Children's Home	Inst	NPAssn	30	6	..	...	458
Hamilton County Home and Chronic Disease Hospital	Chr	County	200	240	..	...	549
Home for Incurables	Incur	NPAssn	60	60	..	...	9
Jewish Convalescent and Sister Homes	Conv	NPAssn	25	12	..	...	165
Maple Knoll Hospital and Home for the Friendless	Mat	NPAssn	50	29	50	278	304
Ridge Rest Home	N&M	Corp	30	21	..	...	29
St. Francis Hospital	ChrCancer	Church	200	274	..	...	330
St. Joseph Maternity Hospital and Infant Asylum	Mat	Church	10	3	10	97	108
Cleveland, 878,336—Cuyahoga							
Booth Memorial Home and Hospital♣	Mat	Church	17	15	17	457	465
Children's Fresh Air Camp and Hospital	Conv	NPAssn	60	61	..	...	213
Florence Crittenton Home	Mat	NPAssn	15	11	12	12	30
Ingleside Home	N&M	NPAssn	100	70	..	...	300
Columbus, 306,087—Franklin							
Florence Crittenton Home	Mat	NPAssn	32	30	24	88	97
Franklin County Home	Inst	County	125	124	..	...	143
Institution for Feebleminded	MeDe	State	2,100	2,101	..	...	132
Ohio Penitentiary Hospital	Inst	State	167	115	..	...	4,718

OHIO—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Covington, 1,945—Miami							
Covington Hospital	Gen	NPAssn	8	2	2	12	80
Dayton, 210,718—Montgomery							
Convalescent Home for Crippled Children	Orth	NPAssn	50	21	..	...	108
Wilson Schools	MeDe	Part	40	35	..	...	38
Delaware, 8,944—Delaware							
Gibbs' Industrial School Hospital	Inst	State	32	8	..	...	409
Euclid, 17,866—Cuyahoga							
Rose Mary, The Johanna Grasselli Home for Crippled Children	Orth	Church	23	19	..	...	8
Fairfield, 2,549—Greene							
Station Hospital	Gen	Army	40	11	2	...	687
Granville, 1,502—Licking							
Whisler Hall Memorial Hospital	Inst	NPAssn	20	5	..	...	464
Greenfield, 4,228—Highland							
Greenfield, Hospital	Gen	NPAssn	20	5	..	...	78
Lancaster, 31,940—Fairfield							
Boys' Industrial School Hospital	Inst	State	100	17	..	...	672
Lebanon, 5,886—Warren							
Blair Brothers Hospital	Gen	Part	8	7	3	51	291
Lima, 44,711—Allen							
Maples Sanitarium	Alcoh	Indiv	11	4	..	...	50
Marysville, 4,057—Union							
Harmon Hospital (Ohio Reformatory for Women)	Inst	State	34	7	3	3	194
Mt. Vernon, 10,122—Knox							
Avalon Sanatorium	TB	Indiv	90	67	..	...	103
Munroe Falls, 511—Summit							
Summit County Hospital	Inst	County	175	137	..	...	379
Napoleon, 4,825—Henry							
S. M. Heller Memorial Hosp.	Gen	City	14	10	4	55	426
New London, 1,540—Huron							
New London Hospital	Gen	NPAssn	9	6	3	38	221
Orient, 255—Pickaway							
Institution for Feebleminded	MeDe	State	2,830	2,785	..	...	226
Oxford, 2,756—Butler							
Miami University Student Hospital	Inst	State	40	10	..	...	1,090
Reynoldsburg, 632—Franklin							
Nightingale Cottage	TbChil	NPAssn	40	29	..	...	29
Springfield, 70,662—Clark							
Ohio Rebekah Hospital	Inst	NPAssn	75	43	..	...	165
Rickly Memorial Hospital	Inst	NPAssn	225	225	..	...	70
State Soldiers Home, —Erie							
Ohio Soldiers and Sailors Home Hospital	Inst	State	96	50	..	...	532
Tiffin, 16,102—Seneca							
Kentucky Memorial Hospital	Inst	NPAssn	50	10	..	...	585
Toledo, 282,349—Lucas							
Lucas County Hosp. Annex.	Chr	County	112	110	..	...	95
Municipal Hospital for Contagious Diseases	Iso	City	26	7	..	...	203
Toledo Society for Crippled Children	Orth	NPAssn	74	47	..	...	94
Warren, 42,837—Trumbull							
Elm Manor	Alcoh	Indiv	8	2	..	...	46
Warrensville, 1,267—Cuyahoga							
Warrensville Chronic Hosp.	Inst	City	170	164	..	...	250
Wickliffe, 3,155—Lake							
Ridge-Cliff Sanitarium	N&M	Corp	60	58	..	...	8
Wickhaven Sanitarium	N&M	Corp	12	6	..	...	35
Wooster, 11,543—Wayne							
Hygeia Hall	Inst	NPAssn	25	4	..	...	394
Xenia, 10,625—Greene							
Ohio Soldiers' and Sailors' Orphans' Home Hospital	Inst	State	68	21	..	...	1,004
Yellow Springs, 1,640—Greene							
Antioch College Infirmary	Inst	NPAssn	10	5	..	...	...
Youngstown, 167,720—Mahoning							
Youngstown Municipal Hosp.	Iso	City	60	4	..	...	60

OKLAHOMA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Ada, 15,143—Pontotoc							
Breco's Memorial Hospital	Gen	NPAssn	21	12	2	68	609
Valley View Hospital	Gen	NPAssn	50	29	9	286	1,598
Altus, 8,593—Jackson							
Altus Hospital	Gen	Indiv	30	...	..	Reorganized	
Alva, 5,579—Woods							
Alva General Hospital	Gen	City	28	16	6	218	827
Anadarko, 5,579—Caddo							
Anadarko Hospital	Gen	Part	22	11	4	55	595
Ardmore, 10,896—Carter							
Hardy Sanitarium♣	Gen	Indiv	45	26	8	180	1,188
Von Keller Hosp. and Clinic	Gen	NPAssn	28	7	6	28	452
Bartlesville, 16,267—Washington							
Washington County Memorial Hospital	Gen	County	51	36	10	329	1,271
Beaver, 1,166—Beaver							
Beaver Hospital	Gen	Part	20	6	3	45	467
Blackwell, 8,837—Kay							
Blackwell General Hospital	Gen	NPAssn	33	...	6	Reorganized	
Riverside Clinic Hospital	Gen	NPAssn	19	16	5	172	608

Key to symbols and abbreviations is on page 1083

OKLAHOMA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Bristow, 6,020—Creek							
Cowart-Sisler Hospital	Gen	Part	17	6	5	42	365
Carnegie, 1,740—Caddo							
Carnegie Hospital and Clinic	Gen	Corp	14	6	5	98	377
Cherokee, 2,453—Alfalfa							
Masonic Hospital	Gen	NPAssn	50	21	7	84	866
Chickasha, 14,111—Grady							
Chickasha Hospital◇	Gen	Part	35	25	4	42	588
Cottage Hospital	Gen	Indiv	10	10	5	35	385
General Hospital	Gen	NPAssn	17	5	8	62	760
Claremore, 4,184—Rogers							
Claremore Indian Hospital♣	Gen	IA	80	68	18	187	1,483
Clinton, 6,786—Custer							
Clinton Indian Hospital	Gen	IA	32	17	4	40	504
Western Oklahoma Charity Hospital◇	Gen	State	100	77	6	98	2,349
Western Oklahoma Tuberculosis Sanatorium	TB	State	295	275	..	....	412
Concho, 280—Canadian							
Cheyenne and Arapaho Hospital♣	Gen	IA	46	24	8	60	854
Cordell, 3,776—Washita							
Florence Hospital	Gen	Indiv	30	3	7	34	184
Cushing, 7,705—Payne							
Masonic Hospital	Gen	NPAssn	30	18	4	114	825
Duncan, 7,267—Stephens							
Patterson Hospital	Gen	Indiv	30	10	5	56	566
Weedn Hospital◇	Gen	Part	60	16	8	63	703
Durant, 10,027—Bryan							
Durant Hospital	Gen	Corp	25	12	3	62	611
Evergreen Sanitarium	Gen	Indiv	21	6	2	31	241
Haynie-Coker Hospital	Gen	Part	11	10	2	64	465
Elk City, 3,021—Beckham							
Tidal Hospital	Gen	Indiv	35	9	3	40	625
El Reno, 10,078—Canadian							
Catto Hospital	Gen	Indiv	19	6	3	37	190
El Reno Sanitarium	Gen	Indiv	35	14	6	115	784
Enid, 28,081—Garfield							
Enid General Hospital◇	Gen	NPAssn	78	54	10	123	1,773
Independence Hospital	Gen	NPAssn	16	7	4	52	415
St. Mary's Enid Springs Hospital◇	Gen	Church	41	27	9	270	1,554
University Hospital Foundation◇	Gen	NPAssn	50	28	10	237	1,506
Erick, 1,591—Beckham							
Stagner Clinic and Hospital	Gen	Indiv	12	8	3	25	150
Fort Sill, 5,287—Comanche							
Station Hospital♣	Gen	Army	557	271	10	139	9,238
Frederick, 5,109—Tillman							
Frederick Clinic Hospital	Gen	Part	20	7	3	95	472
Spurgeon, Arrington and Allen Hospital and Clinic	Gen	Corp	12	9	4	96	450
Grandfield, 1,116—Tillman							
Grandfield Hospital	Gen	Indiv	10	2	3	65	120
Guthrie, 10,018—Logan							
Cimarron Valley Wesley Hospital	Gen	NPAssn	35	16	5	98	794
Henryetta, 6,966—Okmulgee							
Henryetta Hospital	Gen	Indiv	25	13	2	61	671
John Taylor Hospital	Gen	Indiv	18	10	3	30	500
Hobart, 5,177—Kiowa							
General Hospital	Gen	Indiv	21	8	5	220	782
Holdenville, 6,632—Hughes							
Holdenville Hospital	Gen	Indiv	30	10	3	26	575
Pryor-Johnston-Kerrek Clinic and Hospital	Gen	Part	11	5	4	49	364
Hollis, 2,732—Harmon							
Hollis Hospital	Gen	Indiv	15	6	3	65	503
Hominy, 3,267—Osage							
Hominy Hospital	Gen	Indiv	28	2	4	34	213
Lawton, 18,055—Comanche							
Kiowa Indian Hospital♣	Gen	IA	106	106	16	172	2,152
Southwestern Clinic Hosp.	Gen	Corp	31	7	8	33	251
Mangum, 4,195—Greer							
Border Hospital and Clinic	Gen	Corp	30	13	5	....	....
Maud, 4,226—Seminole							
Maud Hospital	Gen	Indiv	16	7	3	31	260
McAlester, 12,401—Pittsburg							
Albert Pike Hospital♣	Gen	Indiv	65	24	7	82	1,121
Central Oklahoma State Hospital Annex	MeDe	State	250	250	..	....	280
St. Mary's Hospital	Gen	Church	55	7	7	42	450
Miami, 8,345—Ottawa							
Miami Baptist Hospital	Gen	Church	40	15	8	83	846
Muskogee, 32,332—Muskogee							
Muskogee Provident Hosp.	Gen	CyCo	20	6	3	20	272
Oklahoma Baptist Hosp.◇	Gen	Church	114	50	11	250	1,727
Veterans Admin. Facility♣	Gen	Vet	423	366	..	....	3,108
Norman, 11,429—Cleveland							
Central Oklahoma State Hospital	Ment	State	2,545	2,497	..	....	1,044
Ellison Infirmary♣	Inst	State	50	13	..	....	1,239
Okemah, 5,811—Okfuskee							
Clinic Hospital	Gen	Indiv	10	3	3	50	293
Oklahoma City, 204,424—Oklahoma							
Bone and Joint Hospital and McBride Clinic◆♣	Orth	Corp	41	22	..	....	698
Coyne Campbell Clinic and Sanitarium	N&M	Corp	50	27	..	....	260
Great Western Hospital	Gen	Corp	35	18	2	20	231
Moorman's Farm Sanat.	TB	Indiv	25	13	..	....	86
Oklahoma City General Hospital◇	Gen	Corp	100	76	12	288	3,588
Polyclinic Hospital	Gen	Indiv	85	49	15	287	1,856

OKLAHOMA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
St. Anthony Hospital◆♣◇	Gen	Church	350	279	50	1,500	10,471
Samaritan Hospital	Gen	Indiv	44	20	7	161	828
University Hospitals◆♣◇	GenOr	State	445	357	21	460	5,420
Wesley Hospital◆♣◇	Gen	Part	135	86	25	580	4,560
Okmulgee, 16,051—Okmulgee							
Ming-Vernon Hospital	Gen	Part	12	7	2	5	340
Okmulgee City Hospital	Gen	City	35	16	7	139	816
Pauls Valley, 5,104—Garvin							
Lindsey-Johnson-Shirley Hospital	Gen	Part	23	13	7	143	560
Pawhuska, 5,445—Osage							
Osage County Infirmary	Gen	County	40	20	8	148	993
Pawhuska Municipal Hosp.	Gen	City	25	9	6	64	410
Pawnee, 2,745—Pawnee							
Pawnee Ponca Hospital♣	Gen	IA	50	31	6	105	784
Picher, 5,848—Ottawa							
American Hospital♣	Gen	Indiv	40	4	3	6	294
Picher Hospital	Gen	Part	19	8	2	61	578
Ponca City, 16,794—Kay							
Ponca City Hospital♣◇	Gen	Church	50	44	12	447	2,649
Poteau, 4,020—Le Flore							
Woodson Hospital	Gen	Indiv	15	6	2	33	402
Pryor, 1,422—Mayes							
Rollins Hospital	Gen	Indiv	10	4	3	43	208
Sayre, 3,617—Beckham							
Sayre Hospital	Gen	Indiv	25	5	4	101	333
Seminole, 11,547—Seminole							
Harber Hospital	Gen	Corp	25	23	6	249	1,300
Shattuck, 1,275—Ellis							
Shattuck Hospital	Gen	Indiv	48	16	6	230	1,141
Shawnee, 22,953—Pottawatomie							
A. C. H. Hospital♣	Gen	Part	25	14	5	129	879
Shawnee Indian Sanat.♣	TB	IA	150	99	..	....	101
Shawnee Municipal Hosp.♣	Gen	City	50	20	6	208	1,439
Stillwater, 10,099—Payne							
Stillwater Municipal Hosp.	Gen	Church	40	18	11	161	687
Sulphur, 7,970—Murray							
Soldiers Tubercular Sanat.♣	GenTb	State	136	136	..	....	163
Sulphur Hospital and Clinic	Gen	NPAssn	20	2	4	36	156
Supply, 414—Woodward							
Western Oklahoma Hospital	Ment	State	1,500	1,477	..	....	557
Taft, 772—Muskogee							
State Hospital for Negro Insane	Ment	State	720	675	..	....	391
Tahlequah, 3,027—Cherokee							
Wm. W. Hastings Indian Hospital♣	Gen	IA	73	51	13	193	1,348
Talihina, 1,057—Le Flore							
Eastern Oklahoma State Tuberculosis Sanatorium	TB	State	370	343	..	....	571
Talihina Sanatorium and Hospital♣	GenTb	IA	242	201	20	162	1,702
Tonkawa, 3,197—Kay							
Tonkawa Hospital	Gen	Indiv	20	2	4	30	127
Tulsa, 142,157—Tulsa							
Flower Hospital	Gen	Corp	30	15	12	377	961
Hillcrest Memorial Hosp.◆◇	Gen	NPAssn	225	86	21	555	4,135
Mercy Hospital for Crippled Children◆	Orth	Indiv	85	20	..	....	1,005
Oakwood Sanitarium	N&M	Corp	42	12	..	....	171
St. John's Hospital◆◇	Gen	Church	215	177	35	979	7,104
Vinita, 5,685—Craig							
Eastern Oklahoma Hospital	Ment	State	2,500	2,544	..	....	532
Vinita Hospital	Gen	Corp	14	9	3	117	606
Waurika, 2,458—Jefferson							
Waurika Hospital	Gen	Corp	25	12	4	27	320
Wewoka, 10,315—Seminole							
Knight Hospital	Gen	Corp	20	7	4	67	344
Wewoka Hospital	Gen	Part	25	10	4	29	313
Woodward, 5,406—Woodward							
Memorial Hospital	Gen	Corp	24	....	4	79	469
Related Institutions							
Chelsea, 1,642—Rogers							
Jennings Hospital	Gen	Indiv	5	3	1	27	124
Chilocco, 200—Kay							
Chilocco Indian School Hospital	Gen	IA	47	1	1	....	80
El Reno, 10,078—Canadian							
Federal Reformatory♦	Inst	Fed	66	26	..	....	629
Enid, 28,081—Garfield							
Northern Oklahoma Hosp.	MeDe	State	1,119	1,091	..	....	40
Fairfax, 2,327—Osage							
Fairfax Hospital	Gen	Indiv	10	4	3	44	283
Fort Reno (El Reno P.O.), 150—Canadian							
Station Hospital	Gen	Army	14	1	..	....	85
Hobart, 5,177—Kiowa							
Hobart Hospital	Gen	Corp	31	20	7	123	1,234
Lawton, 18,055—Comanche							
Angus Hospital	Gen	Part	20	6	4	82	310
McAlester, 12,401—Pittsburg							
Oklahoma State Prison Hospital	Inst	State	40	21	..	....	779
Okeene, 1,079—Blaine							
Okeene Hospital	Gen	Indiv	9	3	2	48	217
Okemah, 3,811—Okfuskee							
Okemah Hospital	Gen	Part	12	6	2	29	330
Oklahoma City, 204,424—Oklahoma							
Campbell Tuberculosis Sanitarium	TB	Part	27	18	..	....	93
Home of Redeeming Love	Mat	Church	22	9	30	195	231
Stillwater, 10,099—Payne							
Agriculture and Mechanical College Infirmary	Inst	State	50	12	..	....	1,776

Key to symbols and abbreviations is on page 1083

OKLAHOMA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Tahlequah, 3,027—Cherokee							
Sequoyah Training School Hospital	Inst	1A	24	12	..	...	535
Tulsa, 142,157—Tulsa							
Municipal Hospital No. 2	Gen	County	50	30	6	96	720
Tulsa General Hospital	Gen	Corp	65	35	12	325	1,502
Tulsa Junior League Home for Convalescent Crippled Children	Orth	NPAssn	35	26	..	...	50
Watonga, 2,826—Blaine							
Watonga Hospital	Gen	Indiv	14	7	1	41	309
Wynne Wood, 2,218—Garvin							
Wynnewood Hospital Clinic	Gen	Part	7	2	3	37	135

OREGON

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Albany, 5,654—Linn							
Albany General Hospital	Gen	NPAssn	50	19	8	161	877
Ashland, 4,521—Jackson							
Community Hospital	Gen	Indiv	22	9	6	79	504
Astoria, 10,349—Clatsop							
Columbia Hospital♣	Gen	Church	91	47	13	219	2,107
St. Mary's Hospital♣○	Gen	Church	85	42	10	157	2,194
Baker, 9,345—Baker							
St. Elizabeth Hospital○	Gen	Church	100	30	16	240	2,011
Bend, 10,021—Deschutes							
St. Charles Hospital	Gen	Church	40	20	9	246	1,446
Burns, 2,586—Harney							
Valley View Hospital	Gen	Indiv	18	9	4	52	479
Corvallis, 8,392—Benton							
Ball Clinic	Gen	Indiv	17	10	8	60	330
Corvallis General Hospital	Gen	NPAssn	38	17	6	121	675
Dallas, 3,579—Polk							
Dallas Hospital	Gen	Corp	26	14	4	45	227
Enterprise, 1,709—Wallowa							
Enterprise Hospital	Gen	Corp	15	6	3	34	286
Eugene, 20,848—Lane							
Eugene Hospital and Clinic♣	Gen	Part	66	47	3	112	1,867
Sacred Heart General Hosp♣	Gen	Church	94	66	26	858	3,040
Grants Pass, 6,028—Josephine							
Josephine County General Hospital	Gen	County	51	25	12	202	1,036
Hood River, 3,280—Hood River							
Hood River Hospital	Gen	NPAssn	43	26	5	103	1,431
Klamath Agency, 150—Klamath							
Klamath Indian Hospital	Gen	1A	28	11	5	47	546
Klamath Falls, 16,497—Klamath							
Hillside Hospital♣	Gen	Corp	50	37	12	305	1,772
Klamath Valley Hospital	Gen	Corp	40	42	14	360	1,920
La Grande, 7,747—Union							
St. Joseph Hospital	Gen	Church	45	16	13	150	802
Lebanon, 2,729—Linn							
Lebanon General Hospital	Gen	NPAssn	26	15	6	210	782
Marshfield, 5,239—Coos							
McAuley Hospital	Gen	Church	45	31	10	179	2,389
McMinnville, 3,705—Yamhill							
McMinnville Hospital	Gen	Corp	40	35	7	197	1,732
Medford, 11,281—Jackson							
Sacred Heart Hospital♣	Gen	Church	75	45	8	164	1,571
Milwaukie, 1,871—Clackamas							
Portland Open Air Sanat	TB	NPAssn	40	30	..	...	126
Myrtle Point, 1,296—Coos							
Mast Hospital	Gen	Indiv	40	26	6	61	751
Newberg, 2,900—Yamhill							
Willamette Hospital	Gen	Corp	21	7	4	85	572
North Bend, 4,262—Coos							
Keizer Brothers Hospital	Gen	Part	60	34	7	155	1,262
Ontario, 3,551—Malheur							
Holy Rosary Hospital♣	Gen	Church	35	25	5	73	878
Oregon City, 6,124—Clackamas							
Hutchison General Hosp	Gen	Indiv	31	12	7	135	565
Oregon City Hospital♣	Gen	Corp	53	42	10	254	1,418
Pendleton, 8,847—Umatilla							
Eastern Oregon State Hosp	Ment	State	1,350	1,287	..	...	234
St. Anthony's Hospital♣○	Gen	Church	70	55	12	915	1,834
Portland, 305,394—Multnomah							
Coffey Memorial Hospital♣	Gen	Corp	100	49	..	...	1,829
Doernbecher Memorial Hospital for Children○	Unit of University of Oregon Medical School Hospitals and Clinics						
Emanuel Hospital♣♣○	Gen	Church	268	250	60	1,784	7,502
Good Samaritan Hosp.♣○	Gen	Church	310	225	36	803	8,402
Hahnemann Hospital♣	Gen	NPAssn	50	17	10	102	852
Juvenile Hospital for Girls	VenMal	NPAssn	96	80	8	28	104
Morningside Hospital	Ment	Fed	320	305	..	...	59
Multnomah Hospital	Unit of University of Oregon Medical School Hospitals and Clinics						
Portland Convalescent Hospital	Med	Indiv	25	12	..	...	136
Portland Medical Hospital	Gen	Corp	57	26	..	...	548
Portland Sanitarium and Hospital♣○	Gen	Church	118	104	29	850	5,364
St. Vincent's Hospital♣♣○	Gen	Church	386	354	56	828	9,349
Shriners Hospital for Crippled Children♣♣	Orth	NPAssn	50	51	..	...	277
Theo. B. Wilcox Memorial Hospital	Unit of Good Samaritan Hospital						

OREGON—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
University of Oregon Medical School Hospitals and Clinics♣♣○	Gen-Tb	CoState	435	430	90	771	8,819
Veterans Admin. Facility♣	Gen	Vet	400	368	..	...	2,749
Prineville, 2,258—Crook							
Prineville General Hospital	Gen	Indiv	20	...	6	...	...
Roseburg, 4,924—Douglas							
Mercy Hospital	Gen	Church	21	20	7	199	769
Veterans Admin. Facility♣	Ment	Vet	566	460	..	...	352
St. Helens, 4,364—Columbia							
St. Helens General Hospital	Gen	Corp	19	9	6	16	769
Salem, 30,968—Marion							
Oregon State Hospital♣	Ment	State	2,800	2,669	..	...	1,005
Oregon State Tuberculosis Hospital	TB	State	320	309	..	...	251
Salem Deaconess Hospital	Gen	Church	100	72	15	285	2,301
Salem General Hospital♣	Gen	NPAssn	73	47	20	371	2,416
Silverton, 2,925—Marion							
Silverton Hospital	Gen	NPAssn	20	14	9	210	475
The Dalles, 6,395—Wasco							
Eastern Oregon State Tuberculosis Hospital	TB	State	200	185	..	...	137
Mid-Columbia Hospital	Gen	Indiv	22	10	6	37	552
The Dalles Hospital○	Gen	Corp	75	35	8	192	1,364
Tillamook, 2,751—Tillamook							
Charlton Hospital	Gen	Indiv	35	18	8	86	918
Toledo, 2,298—Lincoln							
Lincoln Hospital	Gen	Part	24	16	5	84	531
Troutdale, 211—Multnomah							
Multnomah County Tuberculosis Pavilion	TB	County	41	30	..	...	58
Warm Springs, 50—Jefferson							
Warm Springs Hospital	Gen	IA	21	8	6	19	145
Related Institutions							
Chemawa, 700—Marion							
Chemawa Indian Hospital	Gen	IA	49	13	3	17	831
Coquille, 3,327—Coos							
Coquille Hospital	Gen	Indiv	27	15	8	104	642
Corvallis, 8,392—Benton							
Student Health Service Oregon State College	Inst	State	30	14	..	...	975
Lakeview, 2,466—Lake							
Lakeview Hospital	Gen	Corp	16	8	4	49	471
Portland, 305,394—Multnomah							
City Isolation Hospital○	Iso	City	100	19	..	...	441
E. Henry Wemme White Shield	Mat	NPAssn	28	3	12	45	53
Salvation Army White Shield Home	Mat	Church	35	27	7	91	122
Salem, 30,968—Marion							
Oregon Fairview Home	MeDe	State	1,302	1,030	..	...	167
Oregon State Penitentiary Hospital	Inst	State	40	27	..	...	324
Oregon State School for the Deaf	Inst	State	10	2	..	...	167
Waldport, 620—Lincoln							
Waldport Community Hosp.	Gen	Indiv	10	1	4	16	40

PENNSYLVANIA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Abington, 3,206—Montgomery							
Abington Memorial Hospital♣♣○	Gen	NPAssn	279	262	51	852	6,311
Allentown, 96,564—Lehigh							
Allentown Hospital♣♣○	Gen	NPAssn	375	314	35	819	8,103
Allentown State Hospital♣	Ment	State	1,534	1,625	..	...	339
Baer Hospital	Gen	Indiv	12	2	10	26	91
Sacred Heart Hospital♣○	Gen	Church	294	175	41	969	4,451
Allenwood, 400—Union							
Devitt's Camp	TB	NPAssn	104	90	..	...	202
Altoona, 80,214—Blair							
Altoona Hospital♣○	Gen	NPAssn	157	110	18	559	3,022
Mercy Hospital♣○	Gen	Church	149	90	31	644	3,031
Ambler, 3,953—Montgomery							
Dufur Hospital	N&M	Indiv	50	48	..	...	90
Ashland, 7,945—Schuylkill							
Ashland State Hospital○	Gen	State	150	140	25	512	4,153
Aspinwall (Sharpsburg P.O.), 4,716—Allegheny							
Veterans Admin. Facility♣	Gen	Vet	700	583	..	...	4,117
Beaver Falls, 17,098—Beaver							
Providence Hospital♣○	Gen	Church	51	43	11	265	1,423
Bedford, 3,368—Bedford							
Timmins' Hospital	Gen	Indiv	17	7	4	32	332
Bellefonte, 5,564—Centre							
Centre County Hospital	Gen	NPAssn	53	49	16	354	1,379
Bellevue, 10,488—Allegheny							
Suburban General Hosp.♣○	Gen	NPAssn	104	56	14	323	2,316
Berwick, 13,181—Columbia							
Berwick Hospital	Gen	NPAssn	50	25	10	265	1,929
Bethlehem, 58,460—Northampton							
St. Luke's Hospital♣♣○	Gen	NPAssn	197	157	23	669	4,992
Bloomsburg, 9,799—Columbia							
Bloomsburg Hospital♣○	Gen	NPAssn	117	63	18	334	2,110
Blossburg, 1,955—Tioga							
Blossburg State Hospital♣	Gen	State	90	85	9	238	2,237

PENNSYLVANIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Braddock, 18,326—Allegheny							
Braddock General Hosp.♦▲	Gen	NPAssn	121	88	26	735	3,651
Bradford, 17,091—McKean							
Bradford Hospital▲	Gen	NPAssn	111	61	27	439	2,187
Bristol, 11,885—Bucks							
Dr. Wagners Private Hosp.	Gen	Indiv	17	7	6	132	280
Brookville, 4,387—Jefferson							
Brookville Hospital	Gen	NPAssn	38	29	7	67	803
Brownsville, 8,015—Fayette							
Brownsville General Hosp.▲	Gen	NPAssn	90	55	10	231	1,888
Bryn Mawr, 10,26—Montgomery							
Bryn Mawr Hospital♦▲	Gen	Corp	234	158	30	676	4,625
Butler, 24,477—Butler							
Butler County Memorial Hospital▲	Gen	NPAssn	99	96	15	380	3,118
Canonsburg, 12,326—Washington							
Canonsburg General Hosp.▲	Gen	NPAssn	72	56	18	469	2,561
Carbondale, 19,371—Lackawanna							
Carbondale General Hosp.♦	Gen	NPAssn	68	48	12	245	2,320
St. Josef's Hospital♦▲	Gen	Church	80	50	10	181	1,479
Carlisle, 13,984—Cumberland							
Carlisle Hospital▲	Gen	NPAssn	77	57	18	388	2,401
Station Hospital	Gen	Army	60	53	2	26	792
Chambersburg, 14,852—Franklin							
Chambersburg Hospital▲	Gen	NPAssn	90	63	12	280	2,242
Chester, 59,285—Delaware							
Chester Hospital♦▲	Gen	NPAssn	215	155	35	753	5,333
J. Lewis Crozer Home for Incurables and Homeopathic Hospital▲	Gen	NPAssn	84	58	21	514	2,532
Clarks Summit, 2,691—Lackawanna							
Hillside Home and Hospital for Mental Diseases	Ment	County	935	924	..	....	242
Clearfield, 9,372—Clearfield							
Clearfield Hospital▲	Gen	NPAssn	108	62	18	272	2,537
Clifton Heights, 4,921—Delaware							
Bon Brae Hospital	N&M	Indiv	45	29	..	....	68
Coaldale, 6,163—Schuylkill							
Coaldale State Hospital	Gen	State	104	85	18	338	2,429
Coatesville, 14,006—Chester							
Cement Atkinson Memorial Hospital	Gen	Indiv	15	7	3	20	156
Coatesville Hospital▲	Gen	NPAssn	88	60	10	286	1,836
Veterans Admin. Facility	Ment	Vet	1,517	1,514	..	....	200
Columbia, 11,547—Lancaster							
Columbia Hospital	Gen	NPAssn	45	17	10	121	654
Confluence, 1,035—Somerset							
Price Hospital	Gen	Indiv	13	5	4	35	162
Connellsville, 15,648—Fayette							
Connellsville State Hospital▲	Gen	State	90	73	15	378	1,882
Corry, 6,935—Erie							
Corry Hospital	Gen	NPAssn	46	21	8	226	1,282
Coudersport, 3,166—Potter							
Coudersport General Hosp.	Gen	NPAssn	25	13	5	95	565
Cresson, 2,500—Cambria							
Pennsylvania State Tuberculosis Sanatorium, No. 2	TB	State	840	785	..	....	705
Danville, 7,322—Montour							
Danville State Hospital♦▲	Ment	State	2,114	2,035	..	....	479
Geo. F. Geisinger Memorial Hospital♦▲	Gen	NPAssn	154	121	20	406	5,694
Darby, 10,324—Delaware							
Fitzgerald-Mercy Hospital♦▲	Gen	Church	200	159	48	1,008	4,414
Dixmont, 188—Allegheny							
Dixmont Hospital	N&M	NPAssn	1,600	1,176	..	....	110
Doylestown, 4,976—Bucks							
Dr. Buckman's Sanitarium	N&M	Indiv	25	14	..	....	40
Drexel Hill, 1,119—Delaware							
Delaware County Hospital▲	Gen	NPAssn	73	58	14	405	2,135
Du Bois, 12,080—Clearfield							
Du Bois Hospital▲	Gen	Church	51	28	11	225	1,106
Mayerne Avenue Hospital	Gen	NPAssn	70	41	10	157	1,379
Eagleville, 250—Montgomery							
Eagleville Sanatorium for Consumptives♦	TB	NPAssn	188	175	..	....	207
Easton, 32,500—Northampton							
Betts Hospital	Gen	NPAssn	39	26	13	225	1,018
Easton Hospital♦▲	Gen	NPAssn	199	148	21	552	5,408
Easton Sanitarium	N&M	Indiv	30	16	..	....	50
East Stroudsburg, 6,404—Monroe							
General Hospital of Monroe County	Gen	NPAssn	55	38	12	182	1,447
Elizabethtown, 4,315—Lancaster							
Philadelphia Freemasons' Memorial Hospital	Gen	NPAssn	165	146	..	....	739
State Hospital for Crippled Children♦▲	Orth	State	150	149	..	....	163
Ellwood City, 12,329—Lawrence							
Ellwood City Hospital	Gen	NPAssn	52	27	18	205	908
Erie, 116,955—Erie							
Erie County Tuberculosis Hospital	TB	County	65	61	..	....	77
Hamot Hospital♦▲	Gen	NPAssn	224	184	51	870	6,553
St. Vincent's Hospital♦▲	Gen	NPAssn	240	212	52	1,231	7,695
Zem Zem Hospital for Crippled Children	Orth	NPAssn	48	36	..	....	46
Everett, 2,425—Bedford							
Everett Hospital	Gen	Indiv	30	19	5	82	641
Franklin, 9,948—Venango							
Franklin Hospital	Gen	NPAssn	51	35	10	165	1,224
Gettysburg, 5,584—Adams							
Annie M. Warner Hospitals	Gen	NPAssn	56	35	9	203	1,329
Gladwyne, 1,256—Montgomery							
Gladwyne Colony	N&M	Indiv	82	78	..	....	125

PENNSYLVANIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Greensburg, 16,743—Westmoreland							
Westmoreland Hospital♦▲	Gen	NPAssn	170	114	30	750	4,229
Greenville, 8,149—Mercer							
Greenville Hospital	Gen	NPAssn	39	20	12	222	1,145
Grove City, 6,296—Mercer							
Grove City Hospital	Gen	NPAssn	36	10	6	78	427
Hamburg, 3,717—Berks							
Pennsylvania State Sanatorium for Tuberculosis	TB	State	576	551	..	....	501
Hanover, 13,076—York							
Hanover General Hospital▲	Gen	NPAssn	55	44	10	351	1,901
Harrisburg, 83,865—Dauphin							
Harrisburg Hospital♦▲	Gen	NPAssn	239	205	25	917	6,027
Harrisburg Polyclinic Hospital♦▲	Gen	NPAssn	100	113	20	665	5,743
Harrisburg State Hospital♦▲	Ment	State	2,146	2,129	..	....	267
Keystone Hospital	Gen	Indiv	27	20	6	81	481
Hazleton, 38,939—Luzerne							
Corrigan Maternity Hospital	Mat	Corp	18	....	18	....	610
Hazleton State Hospital▲	Gen	State	155	142	20	587	5,562
Hollidaysburg, 5,910—Blair							
Blair County Hospital for Mental Diseases	Ment	County	375	355	..	....	159
Homestead, 19,041—Allegheny							
Homestead Hospital▲	Gen	NPAssn	125	81	25	407	2,114
Honesdale, 5,687—Wayne							
Wayne County Memorial Hospital	Gen	NPAssn	32	18	7	107	708
Huntingdon, 7,179—Huntingdon							
J. C. Blair Memorial Hospitals	Gen	NPAssn	70	52	14	291	2,019
Indiana, 10,630—Indiana							
Indiana Hospitals▲	Gen	NPAssn	170	120	20	290	4,014
Jersey Shore, 5,432—Lycoming							
Community Hospital	Gen	NPAssn	32	15	10	120	677
Johnstown, 66,626—Cambria							
Conemaugh Valley Memorial Hospital♦▲	Gen	NPAssn	312	237	33	673	6,558
Lee Homeopathic Hospital▲	Gen	NPAssn	54	41	19	306	1,363
Mendelhall Maternity Hosp.	Mat	Indiv	20	12	20	222	256
Mercy Hospital▲	Gen	Church	107	79	23	408	2,261
Kane, 6,133—McKean							
Community Hospital▲	Gen	NPAssn	57	42	12	148	1,620
Kane Summit Hospital	Gen	NPAssn	23	16	6	125	712
Kingston, 20,679—Luzerne							
Nesbitt Memorial Hosp.♦▲	Gen	NPAssn	118	79	24	536	2,523
Kittanning, 7,550—Armstrong							
Armstrong County Hospital	Gen	NPAssn	66	52	10	226	1,694
Lancaster, 61,345—Lancaster							
Lancaster General Hosp.♦▲	Gen	NPAssn	235	176	46	888	5,739
Rossmere Sanatorium	TB	CyCo	55	51	..	....	86
St. Joseph's Hospital♦▲	Gen	Church	200	141	30	552	4,302
Lansdale, 9,316—Montgomery							
Elm Terrace Hospital	Gen	NPAssn	28	16	12	98	695
Latrobe, 11,111—Westmoreland							
Latrobe Hospital▲	Gen	NPAssn	73	56	20	423	1,954
Lebanon, 27,396—Lebanon							
Good Samaritan Hospital▲	Gen	NPAssn	100	77	20	385	2,467
Lebanon Sanatorium	Gen	Corp	30	22	10	131	639
Leetsdale, 2,332—Allegheny							
D. T. Watson Home for Crippled Children	Orth	NPAssn	100	102	..	....	122
Lewisburg, 3,571—Union							
Evangelical Hospital	Gen	Church	28	18	8	177	542
U. S. Penitentiary Hospital▲	Inst	Fed	84	49	..	....	1,328
Lewistown, 13,017—Mifflin							
Lewistown Hospital▲	Gen	NPAssn	80	76	13	328	2,479
Lock Haven, 10,910—Clinton							
Lock Haven Hospital▲	Gen	NPAssn	68	40	18	336	1,660
Teah Private Hospital	Gen	Indiv	21	10	4	74	385
Lock No. 4, 618—Washington							
Charleroi-Monessen Hosp.▲	Gen	NPAssn	117	85	27	444	2,989
Mayview, 426—Allegheny							
Pittsburgh City Home and Hospitals♦▲	Gen	City	1,309	1,004	..	....	1,859
Pittsburgh City Home and Hospitals	Ment	City	3,240	3,171	..	....	680
McKeesport, 45,355—Allegheny							
McKeesport Hospital♦▲	Gen	NPAssn	270	199	55	1,289	5,498
McKees Rocks, 17,021—Allegheny							
Ohio Valley General Hosp.♦	Gen	NPAssn	62	40	21	375	1,653
Meadville, 13,910—Crawford							
Meadville City Hospitals▲	Gen	NPAssn	91	59	20	334	2,327
Spencer Hospitals▲	Gen	NPAssn	90	65	25	477	2,575
Media, 5,351—Delaware							
Media Hospital	Gen	Indiv	27	12	4	26	301
Mercer, 2,272—Mercer							
Mercer Cottage Hospital	Gen	Corp	46	26	4	47	922
Mercer Sanitarium	N&M	Part	44	37	..	....	108
Meyersdale, 3,256—Somerset							
Hazel McGilvery Hospital	Gen	NPAssn	14	5	5	30	258
Meyersdale Wenzel Hospital	Gen	Indiv	12	2	3	7	92
Monaca, 7,061—Beaver							
Beaver County Sanatorium	TB	County	62	61	..	....	80
Monessen, 20,257—Westmoreland							
Gemmill Hospital	ENT	Part	15	5	..	....	530
Monongahela, 8,823—Washington							
Memorial Hospitals	Gen	NPAssn	72	32	8	173	1,068
Mt. Pleasant, 5,824—Westmoreland							
Henry Clay Frick Memorial Hospital▲	Gen	NPAssn	62	47	17	332	1,499
Nanticoke, 24,387—Luzerne							
Nanticoke State Hospital▲	Gen	State	120	80	10	302	2,879

Key to symbols and abbreviations is on page 1083

V 1
194

PENNSYLVANIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
New Brighton, 9,630—Beaver							
Beaver Valley General Hospital▲○	Gen	NPAssn	81	44	11	235	1,364
New Castle, 47,638—Lawrence							
Jameson Memorial Hosp.▲○	Gen	NPAssn	147	94	21	541	3,441
New Castle Hospital▲○	Gen	Church	105	74	20	403	2,441
New Kensington, 24,055—Westmoreland							
Citizens General Hospital▲○	Gen	NPAssn	101	90	12	389	2,767
Norristown, 38,181—Montgomery							
Montgomery Hospital●▲○	Gen	NPAssn	130	110	30	547	3,698
Norristown State Hospital◆▲	Ment	State	3,823	3,714	..	...	604
Riverview Hospital▲	Gen	NPAssn	30	15	10	205	569
Sacred Heart Hospital	Gen	Church	45	45	25	373	1,385
Oil City, 20,379—Venango							
Grand View Institution	TB	NPAssn	50	15	..	...	43
Oil City Hospital▲○	Gen	NPAssn	90	63	20	441	2,554
Palmerton, 7,475—Carbon							
Palmerton Hospital▲○	Gen	NPAssn	65	57	11	182	1,886
Peckville, 8,000—Lackawanna							
Mid-Valley Hospital	Gen	NPAssn	62	44	8	249	1,681
Philadelphia, 1,931,334—Philadelphia							
American Hospital for Diseases of the Stomach	Gen	NPAssn	39	16	3	66	746
American Oncologic Hosp.◆▲	SkCa	NPAssn	50	26	..	...	532
Anderson Hospital	Gen	NPAssn	76	20	24	217	1,704
Broad Street Hospital▲	Gen	NPAssn	80	58	30	554	2,127
Chestnut Hill Hospital●▲○	Gen	NPAssn	80	65	25	425	2,229
Children's Heart Hospital	Card	NPAssn	60	55	..	...	93
Children's Hospital◆▲○	Chil	NPAssn	134	88	..	...	1,870
Children's Hospital of the Mary J. Drexel Home◆▲	Chil	Church	50	22	..	...	937
Fairmount Farm	N&M	Corp	44	28	..	...	127
Frankford Hospital●▲○	Gen	NPAssn	144	105	48	971	3,723
Frederick Douglass Memorial Hospital	Gen	NPAssn	90	50	10	137	822
Friends Hospital◆▲®	N&M	NPAssn	170	137	..	...	107
Garretson Hospital	Unit of Temple University Hospital						
Germantown Dispensary and Hospital●◆▲○	Gen	NPAssn	345	252	65	1,231	6,720
Graduate Hosp. of the University of Pennsylvania●◆▲	Gen	NPAssn	461	219	..	12	6,522
Hahnemann Hospital●◆▲○	Gen	NPAssn	600	469	77	1,569	12,552
Home for Consumptives	TB	Church	104	93	..	...	118
Hospital of the Protestant Episcopal Church●◆▲○	Gen	Church	482	305	48	1,305	6,834
Hospital of the University of Pennsylvania●◆▲○	Gen	NPAssn	487	356	41	1,004	10,389
Hospital of the Woman's Medical College of Pennsylvania●▲○	Gen	NPAssn	152	109	21	620	3,295
Institute of the Pennsylvania Hospital◆▲	N&M	NPAssn	60	44	..	...	947
Jeanes Hospital◆▲	Cancer	NPAssn	68	41	..	...	578
Jefferson Medical College Hospital●◆▲○	Gen	NPAssn	642	558	46	1,343	12,752
Jewish Hospital●◆▲○	Gen	NPAssn	409	295	70	1,298	8,073
Joseph Price Memorial Hospital▲	Gen	NPAssn	55	20	5	18	437
Kensington Hospital for Women◆▲	GynMat	NPAssn	66	41	35	900	1,514
Lankenau Hospital●▲○	Gen	NPAssn	262	186	35	416	4,232
Lying-In Hospital	Unit of Pennsylvania Hospital						
Memorial Hospital●▲	Gen	NPAssn	82	62	19	275	1,978
Mercy Hospital●▲○	Gen	NPAssn	105	75	20	287	1,666
Methodist Hospital●▲○	Gen	Church	168	114	40	626	3,443
Misericordia Hospital●▲○	Gen	Church	195	144	36	929	4,505
Mt. Sinai Hospital●◆▲○	Gen	NPAssn	262	214	55	1,198	6,802
National Stomach Hospital	Gen	NPAssn	41	12	7	26	424
Nazareth Hospital	Gen	Church	195	...	33	Estab.	1940
Northeastern Hospital●▲○	Gen	NPAssn	87	61	15	531	2,169
Northern Liberties Hospital▲	Gen	NPAssn	57	40	9	119	1,641
Northwestern General Hosp.	Unit of Temple University Hospital						
Pennsylvania Hospital●◆▲○	Gen	NPAssn	430	324	130	1,951	8,562
Pennsylvania Hospital, Department for Mental and Nervous Diseases◆▲○	N&M	NPAssn	225	173	..	...	310
Philadelphia General Hospital●◆▲○	Gen	City	2,676	1,881	60	1,474	26,034
Philadelphia Hospital for Contagious Diseases◆▲®	Iso	City	1,000	256	..	...	3,305
Philadelphia Italian Hosp.	Gen	NPAssn	42	3	12	15	88
Philadelphia State Hospital	Ment	State	5,929	5,767	..	...	1,028
Presbyterian Hospital●◆▲○	Gen	Church	314	200	42	606	4,983
Preston Retreat▲	Mat	NPAssn	50	22	30	396	440
Rush Hospital for Consumption and Allied Diseases▲	TB	NPAssn	162	121	..	...	363
St. Agnes Hospital○	Gen	Church	346	145	78	509	3,201
St. Christopher's Hospital for Children◆▲	Chil	NPAssn	82	55	..	...	1,950
St. Joseph's Hospital●▲○	Gen	Church	162	103	22	446	2,379
St. Luke's and Children's Medical Center●▲○	Gen	NPAssn	219	135	40	840	4,920
St. Mary's Hospital●▲○	Gen	Church	206	125	44	691	4,331
St. Vincent's Hospital for Women and Children▲	Gen	Church	137	67	24	478	1,005
Shriners Hospital for Crippled Children▲	Orth	NPAssn	120	101	..	...	409
Skin and Cancer Hospital◆	SkCa	NPAssn	31	31	..	...	198
Stetson Hospital▲	Gen	NPAssn	62	33	10	157	1,339
Temple University Hospital●◆▲○	Gen	NPAssn	430	349	41	1,005	10,042
U. S. Naval Hospital●▲	Gen	Navy	951	743	..	...	8,028
Urologic Clinic	Urol	Part	15	5	..	...	308
Wills Hospital◆▲	Eye	NPAssn	200	123	..	...	3,657
Woman's Hospital●◆▲○	Gen	NPAssn	125	78	41	830	2,715
Women's Homoeopathic Hospital●▲○	Gen	NPAssn	160	84	40	548	3,055
Philipsburg, 3,963—Centre							
McGirk Sanatorium	Gen	Indiv	15	6	6	43	287
Philipsburg State Hosp.▲○	Gen	State	108	101	12	390	3,176
Phoenixville, 12,282—Chester							
Phoenixville Hospital	Gen	NPAssn	67	41	12	209	1,157
Pittsburgh, 671,659—Allegheny							
Allegheny General Hosp.●◆▲○	Gen	NPAssn	544	395	54	1,121	9,332
Belvedere General Hospital	Gen	NPAssn	40	15	10	101	391
Children's Hospital◆▲○	Chil	NPAssn	194	147	..	...	3,901
City Tuberculosis Hospital	TB	City	300	217	..	...	256
Elizabeth Steel Magee Hospital◆▲○	Gen	NPAssn	309	230	111	2,822	6,381
Eye, Ear, Nose and Throat Hospital◆▲	ENT	NPAssn	111	51	..	...	4,077
Haddon Hospital	Gen	Corp	20	10	15	212	429
Mercy Hospital●◆▲○	Gen	Church	632	548	48	1,023	12,843
Montefiore Hospital●◆▲○	Gen	NPAssn	225	220	32	783	6,293
Municipal Hospital for Contagious Diseases	Iso	City	150	54	..	...	839
Passavant Hospital●▲○	Gen	Church	116	77	24	243	2,416
Pittsburgh Hospital●▲○	Gen	NPAssn	186	161	24	729	3,849
Presbyterian Hospital●◆▲○	Gen	NPAssn	150	121	..	22	3,205
Roselia Foundling and Maternity Hospital▲	MatCh	NPAssn	110	100	18	360	622
St. Francis Hospital●◆▲○	Gen	Church	637	621	51	1,341	12,708
St. John's General Hosp.●▲○	Gen	NPAssn	185	131	40	1,151	4,479
St. Joseph's Hospital and Dispensary●▲○	Gen	Church	128	85	12	362	2,380
St. Margaret Memorial Hospital◆▲○	Gen	Church	129	80	21	339	2,474
Shadyside Hospital●▲○	Gen	NPAssn	240	192	40	865	5,084
South Side Hospital●▲○	Gen	NPAssn	207	138	18	487	4,895
Tuberculosis League Hosp.▲	TB	NPAssn	150	145	..	...	193
U. S. Marine Hospital▲	Gen	USPHS	73	65	..	...	1,224
Western Pennsylvania Hospital●◆▲○	Gen	NPAssn	600	378	61	1,117	10,290
Woman's Hospital▲	Gen	NPAssn	140	29	..	...	717
Pittston, 17,828—Luzerne							
Pittston Hospital▲○	Gen	NPAssn	112	72	18	393	2,222
Pottstown, 20,194—Montgomery							
Homeopathic Hospital▲	Gen	NPAssn	50	27	10	171	967
Pottstown Hospital▲○	Gen	NPAssn	63	42	12	267	1,703
Pottsville, 24,530—Schuylkill							
Lemos B. Warne Hospital▲	Gen	Indiv	75	32	12	117	1,306
A. C. Milliken Hospital▲	Gen	NPAssn	53	51	15	333	1,776
Pottsville Hospital●▲○	Gen	NPAssn	155	115	17	455	2,984
Punxsutawney, 9,482—Jefferson							
Adrian Hospital▲	Gen	NPAssn	76	61	10	342	2,026
Quakertown, 5,150—Bucks							
Quakertown Hospital▲	Gen	NPAssn	54	27	12	202	931
Ransom, 150—Lackawanna							
Ransom Mental Hospital	Ment	County	386	372	..	...	62
Reading, 110,568—Berks							
Berks County Tuberculosis Sanatorium▲	TB	County	134	134	..	...	149
Homeopathic Hospital●▲	Gen	NPAssn	100	74	19	404	2,551
Reading Hospital●◆▲○	Gen	NPAssn	276	199	49	907	5,672
St. Joseph Hospital●▲○	Gen	Church	180	70	25	624	3,726
Renovo, 3,784—Clinton							
Renovo Hospital	Gen	NPAssn	24	10	6	110	667
Retreat, 2,000—Luzerne							
Retreat Mental Hospital	Ment	County	1,175	1,132	..	...	244
Ridgway, 6,253—Elk							
Elk County General Hospital	Gen	NPAssn	62	35	9	142	1,280
Ridley Park, 3,887—Delaware							
Taylor Hospital▲	Gen	NPAssn	70	55	18	316	1,900
Roaring Spring, 2,724—Blair							
Nason Hospital	Gen	NPAssn	52	35	12	198	1,157
Rochester, 7,441—Beaver							
Rochester General Hospital▲	Gen	NPAssn	87	72	12	421	2,316
St. Marys, 7,653—Elk							
Andrew Kaul Memorial Hospital	Gen	Church	50	22	12	185	789
Sayre, 7,569—Bradford							
Robert Packer Hospital●◆▲○	Gen	NPAssn	394	296	21	708	7,694
Schuylkill Haven, 6,518—Schuylkill							
Schuylkill County Hospital for Mental Diseases	Ment	County	580	567	..	...	128
Scranton, 140,404—Lackawanna							
Hahnemann Hospital▲○	Gen	NPAssn	109	86	16	622	2,834
Lackawanna County Tuberculosis Hospital	TB	County	154	149	..	...	119
Mercy Hospital▲○	Gen	Church	84	73	20	445	2,506
Moses Taylor Hospital●▲○	Gen	NPAssn	120	98	..	...	2,107
St. Joseph's Children's and Maternity Hospital▲®	MatCh	Church	185	153	24	55	147
St. Mary's Mater Misericordiae Hospital○	Gen	Church	76	50	12	242	1,282
Scranton Private Hospital	Gen	Corp	32	9	5	19	749
Scranton State Hospital●▲○	Gen	State	300	237	15	523	3,869
West Side Hospital▲○	Gen	NPAssn	65	56	10	345	1,780
Sellersville, 2,115—Bucks							
Grand View Hospital▲○	Gen	NPAssn	75	46	25	317	1,265
Sewickley, 5,614—Allegheny							
Valley Hospital●▲○	Gen	NPAssn	113	90	27	624	2,980
Shamokin, 18,810—Northumberland							
Shamokin State Hospital▲	Gen	State	91	83	20	645	3,121
Sharon, 25,622—Mercer							
Christian H. Buhl Hosp.▲○	Gen	NPAssn	132	94	25	660	3,684
Shenandoah, 19,790—Schuylkill							
Locust Mountain State Hospital	Gen	State	78	60	18	392	2,544

Key to symbols and abbreviations is on page 1083

PENNSYLVANIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Somerset, 3,436—Somerset							
Somerset Community Hosp..	Gen	NPAssn	70	46	8	146	1,745
South Mountain, 300—Franklin							
Pennsylvania State Sanatorium No. 1 (Mont Alto)...	TB	State	1,015	983	..	...	621
Spangler, 3,201—Cambria							
Miners' Hospital of Northern Cambria	Gen	NPAssn	76	58	10	394	1,982
Sunbury, 15,402—Northumberland							
Mary M. Packer Hospital...	Gen	NPAssn	73	60	14	278	2,312
Susquehanna, 2,740—Susquehanna							
Simon H. Barnes Memorial Hospital	Gen	NPAssn	16	10	5	50	335
Tarentum, 9,846—Allegheny							
Allegheny Valley Hospitals◇	Gen	NPAssn	95	93	17	469	2,704
Taylor, 9,602—Lackawanna							
Taylor Hospital	Gen	NPAssn	46	40	13	280	1,872
Titusville, 8,126—Crawford							
Titusville Hospital▲	Gen	NPAssn	40	23	15	262	1,053
Torrance, 500—Westmoreland							
Torrance State Hospital....	Ment	State	1,823	1,758	..	...	415
Uniontown, 21,979—Fayette							
Uniontown Hospital▲◇	Gen	NPAssn	210	175	15	580	5,057
Warren, 14,801—Warren							
Warren General Hospital◇.	Gen	NPAssn	84	59	18	424	2,411
Warren State Hospital▲◇..	Ment	State	2,524	2,273	..	...	611
Warrington, 150—Bucks							
Horace Berk Memorial Hosp.	Ment	NPAssn	13	9	..	...	84
Washington, 26,105—Washington							
Hillsview Sanitarium▲	Corp		48	24	..	...	177
Washington Hospital▲◇	Gen	NPAssn	158	113	28	451	3,392
Waymart, 1,095—Wayne							
Farview State Hospital.....	Ment	State	1,060	995	..	...	127
Waynesboro, 10,231—Franklin							
Waynesboro Hospital	Gen	NPAssn	57	38	15	300	1,157
Waynesburg, 4,801—Greene							
Greene County Memorial Hospital	Gen	NPAssn	61	38	10	184	1,546
Wernersville, 1,100—Berks							
Wernersville State Hospital.	Ment	State	1,537	1,522	..	...	338
West Chester, 13,260—Chester							
Chester County Hospital▲◇	Gen	NPAssn	146	94	22	552	3,138
Homeopathic Hospital of Chester County▲	Gen	NPAssn	62	45	15	208	1,312
Marshall Square Sanitarium	N&M	Part	60	35	..	...	78
White Haven, 1,528—Luzerne							
White Haven Sanatorium▲◇	TB	NPAssn	240	198	..	...	322
Wilkes-Barre, 86,626—Luzerne							
Mercy Hospital▲◇	Gen	Church	195	133	25	515	4,112
Wilkes-Barre General Hospital▲◇	Gen	NPAssn	360	252	43	900	8,037
Wyoming Valley Homeopathic Hospitals◇	Gen	NPAssn	87	70	20	390	2,137
Wilkinsburg, 29,854—Allegheny							
Columbia Hospital▲◇	Gen	Church	186	116	31	632	3,844
Williamsport, 44,355—Lycoming							
Bothfuss Clinic and Hosp...	Gen	Indiv	35	10	5	56	312
Williamsport Hospital▲◇...	Gen	NPAssn	231	148	44	829	5,118
Windber, 9,057—Somerset							
Windber Hospital▲◇	Gen	NPAssn	107	85	10	325	2,760
Woodville, 4,000—Allegheny							
Allegheny County Home and Hospitals▲	MentTb	County	3,534	3,294	..	...	808
York, 56,712—York							
West Side Sanitarium▲.....	Gen	Indiv	50	21	10	48	676
York Hospital▲◇	Gen	NPAssn	194	144	25	1,013	4,939
Related Institutions							
Bellefonte, 5,304—Centre							
Western State Penitentiary Hospital	Inst	State	22	13	..	...	414
Bellevue, 10,488—Allegheny							
Salvation Army Woman's Home and Hospital.....	Mat	Church	10	6	10	55	97
Broomall, 1,300—Delaware							
Convalescent Hospital	Conv	NPAssn	31	21	..	...	280
Bryn Mawr, 10,206—Montgomery							
Bryn Mawr College Infirmary	Inst	NPAssn	16	6	..	...	408
Cambridge Springs, 1,807—Crawford							
San Rosario Sanitarium.....	Conv	Church	33	12	..	...	329
Chambersburg, 14,852—Franklin							
Chambersburg Maternity Home	Mat	Part	8	4	8	168	167
Chester, 59,285—Delaware							
Mercy Hospital	Gen	NPAssn	28	12	7	85	769
Darby, 10,534—Delaware							
St. Francis' Country House for Convalescents and Incurables	Convline	Church	58	50	..	...	347
Ebensburg, 3,719—Cambria							
Cambria County Hospital..	Inst	County	100	93	..	...	350
Elwyn, 300—Delaware							
Elwyn Training School.....	MeDe	NPAssn	1,000	1,020	..	...	69
Embreeville, 500—Chester							
Chester County Institution District	Ment	County	342	330	..	...	92
Erie, 116,955—Erie							
Lakeview Hospital	Iso	City	82	16	..	...	345
Harmarville, 786—Allegheny							
Harmarville Convalescent Home	Conv	NPAssn	46	42	30	...	312

PENNSYLVANIA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Harrisburg, 83,893—Dauphin							
Dauphin County Hospital...	Inst	County	160	140	..	...	140
Huntingdon, 7,176—Huntingdon							
Pennsylvania Industrial School	Inst	State	40	4	..	...	1,009
Johnstown, 66,668—Cambria							
Municipal Hospital	Iso	City	60	4	5	...	40
Lancaster, 61,345—Lancaster							
Lancaster County Institution District◇	Ment	County	491	465	..	...	254
Langhorne, 1,221—Bucks							
Marydell School	MeDe	Part	50	45	..	...	4
Laurelton, 327—Union							
Laurelton State Village.....	MeDe	State	732	699	..	...	90
Mercer, 2,272—Mercer							
Mercer County Home and Hospital	Ment	County	375	333	..	...	115
Middletown, 7,906—Dauphin							
Odd Fellows' Home.....	Inst	NPAssn	45	31	..	...	24
Morganza, 1,500—Washington							
Pennsylvania Training School	Inst	State	10	5	..	...	260
Muncy, 2,696—Lycoming							
Muncy Valley Hospital.....	Gen	NPAssn	20	9	7	52	235
New Wilmington, 1,610—Lawrence							
Overlook Sanitarium	Conv	Part	35	16	..	...	173
North East, 3,704—Erie							
St. Barnabas' House by the Lake	Incur	Church	32	31	..	...	23
Oakbourne (West Chester P.O.), 100—Chester							
James C. Smith Memorial Home	Conv	Church	22	14	..	...	327
Pennsylvania Epileptic Hospital and Colony Farm....	Epil	NPAssn	140	131	..	...	35
Olyphant, 9,252—Lackawanna							
Blakely Home	Ment	County	254	230	..	...	32
Pennhurst (Spring City P.O.), 300—Chester							
Pennhurst State Hospital	MeDe	State	2,100	2,001	..	...	287
Philadelphia, 1,931,334—Philadelphia							
Babies' Hospital	Chil	NPAssn	14	9	..	...	324
Belle Vista Sanatorium.....	N&M	Indiv	65	58	..	...	92
Belmont Hospital, Salvation Army Home and Hospital.	Mat	Church	10	4	10	127	130
Eastern State Penitentiary Hospital	Inst	State	80	41	..	...	1,077
Florence Crittenton Home..	Mat	NPAssn	14	11	14	25	56
Home of the Merciful Saviour for Crippled Children.....	Orth	NPAssn	64	62	..	...	12
Homewood School	InstMat	NPAssn	115	...No data supplied			
Kenwood Sanitarium	N&M	Corp	32	27	..	...	58
Philadelphia County Prison Hospital (Holmesburg) ...	Inst	County	28	16	..	...	341
Philadelphia County Prison Hospital (Reed St.)	Inst	County	35	13	..	...	393
Philadelphia Home for Incurables	Incur	NPAssn	240	206	..	...	45
Pine Hall Convalescent Home	Conv	Indiv	19	17	..	...	43
Sharon Hall	Conv	Corp	62	50	..	...	...
Pittsburgh, 671,659—Allegheny							
Fairview Sanatorium.....	Ment	Corp	10	8	..	...	25
Hasley Nursing Home and Hospital	Conv	Indiv	20	15	..	...	35
Industrial Home for Crippled Children	Orth	NPAssn	80	75	..	...	102
Jewish Home for the Aged..	Inst	NPAssn	65	60	..	...	64
Western State Penitentiary Hospital	Inst	State	29	21	..	...	757
Polk, 3,690—Venango							
Polk State School	MeDe	State	3,000	2,936	..	...	136
Pottstown, 20,194—Montgomery							
Hill School Infirmary.....	Inst	NPAssn	40	9	..	...	441
Retreat, 2,000—Luzerne							
Luzerne County Home and Infirmary	Inst	County	500	296	..	...	97
Rochester, 7,441—Beaver							
Passavant Memorial Homes for the Care of Epileptics	Epil	Church	139	134	..	...	28
Scranton, 140,404—Lackawanna							
Municipal Contagious Disease Hospital	Iso	City	45	7	..	...	160
Selinsgrove, 2,877—Snyder							
Selinsgrove State Colony for Epileptics	Epil	State	464	442	..	...	35
Somerset, 5,426—Somerset							
Somerset County Home and Hospital	Ment	County	541	494	..	...	55
State College, 6,226—Centre							
Pennsylvania State College Health Hospital.....	Inst	State	30	7	..	...	688
Towanda, 4,154—Bradford							
Mills Hospital	Gen	Indiv	22	6	9	104	219
Troy, 1,228—Bradford							
Martha Lloyd School.....	MeDe	NPAssn	125	125	..	...	31
Wawa, 300—Delaware							
Sanatorium School	Orth	Indiv	23	18	..	...	18
Wellsboro, 3,695—Tioga							
Wellsboro Hospital	Gen	NPAssn	9	2	2	10	56
Williamstown, 2,769—Dauphin							
Williams Valley Hospital...	Gen	NPAssn	24	1	2	1	150
Willow Grove, 3,600—Montgomery							
Willow Crest for Convalescents	Conv	NPAssn	82	67	..	...	1,165

Key to symbols and abbreviations is on page 1083

RHODE ISLAND

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Central Falls, 25,248—Providence							
Notre Dame Hospital	Gen	NPAssn	50	38	14	273	1,218
East Greenwich, 3,842—Kent							
Crawford Allen Memorial Hospital	Unit of Rhode Island Hospital, Providence						
East Providence, 32,185—Providence							
Emma Pendleton Bradley Home	NervsChil	NPAssn	50	46	..	...	75
Hillsgrove, 1,000—Kent							
St. Joseph's Sanatorium	TB	Church	75	37	..	...	21
Howard, 3,000—Providence							
State Hospital for Mental Diseases◇	Ment	State	3,114	2,742	..	...	320
State Infirmary♣	Gen	State	982	845	20	69	832
Newport, 30,532—Newport							
Newport Hospital♣◇	Gen	NPAssn	163	102	35	531	2,261
Station Hospital♣	Gen	Army	70	30	..	...	1,044
U. S. Naval Hospital♣	Gen	Navy	345	186	..	...	7,443
Pawtucket, 75,797—Providence							
Memorial Hospital♣◇	Gen	NPAssn	166	143	30	795	3,455
Providence, 253,504—Providence							
Butler Hospital♣◇	N&M	NPAssn	174	159	..	...	173
Charles V. Chapin Hospital♣◇	TbIsoN&M	City	265	184	..	...	2,653
Homeopathic Hospital♣◇	Gen	NPAssn	162	130	54	897	4,997
Jane Brown Memorial Hosp.	Unit of Rhode Island Hospital						
Miriam Hospital♣	Gen	NPAssn	63	41	14	299	1,701
Providence Lying-In Hosp.♣	Mat	NPAssn	155	117	155	3,340	3,085
Rhode Island Hospital♣◇	Gen	NPAssn	474	338	12	6	8,721
St. Joseph's Hospital♣◇	Gen	Church	397	230	43	926	5,634
Wakefield, 4,000—Washington							
South County Hospital	Gen	NPAssn	39	23	11	194	946
Wallum Lake, 100—Providence							
State Sanatorium◆	TB	State	618	556	..	...	308
Westerly, 11,199—Washington							
Westerly Hospital♣	Gen	NPAssn	61	36	12	228	1,265
Woonsocket, 49,363—Providence							
Woonsocket Hospital♣	Gen	NPAssn	145	85	39	532	2,738
Related Institutions							
Hoxsie, 135—Kent							
Lakeside Home and Mary Murray Preventorium	TB	NPAssn	45	44	..	...	134
La Fayette, 600—Washington							
Exeter School	MeDe	State	780	741	..	...	85
Providence, 253,504—Providence							
Heath Sanatorium	Conv	Indiv	20	12	..	...	15
Heath Sanatorium Annex	Conv	Indiv	14	10	..	...	12
St. Elizabeth Home for Incurables	Incur	Church	69	66	..	...	16

SOUTH CAROLINA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Abbeville, 4,630—Abbeville							
Abbeville County Memorial Hospital	Gen	NPAssn	22	9	2	...	280
Aiken, 6,168—Aiken							
Aiken County Hospital	Gen	County	69	63	12	174	2,675
Anderson, 19,424—Anderson							
Anderson County Hosp.♣◇	Gen	NPAssn	111	...No data supplied			
Bennettsville, 4,885—Marlboro							
Marlboro County General Hospital♣	Gen	NPAssn	32	21	8	81	1,024
Camden, 5,747—Kershaw							
Camden Hospital◇	Gen	NPAssn	58	39	10	186	1,655
Charleston, 71,275—Charleston							
Baker Memorial Sanat.♣	Gen	NPAssn	50	32	10	223	1,567
Roper Hospital♣◆♣◇	Gen	NPAssn	325	270	30	822	8,358
St. Francis Xavier Infirmary◇	Gen	Church	50	37	13	223	1,109
U. S. Naval Hospital♣	Gen	Navy	89	61	4	32	854
Chester, 6,392—Chester							
Pryor Hospital	Gen	NPAssn	58	21	6	97	984
Clinton, 3,704—Laurens							
Hays Hospital	Gen	NPAssn	18	8	4	28	342
Columbia, 62,396—Richmond							
Columbia Hospital♣◇	Gen	County	275	202	30	797	8,300
Good Samaritan Waverly Hospital◇	Gen	NPAssn	50	30	8	38	600
Orthopedic Hospital	Orth	Indiv	16	...	..	Estab. 1940	
Providence Hospital♣	Gen	Church	96	52	14	235	2,066
Ridgewood Tuberculosis Camp	TB	NPAssn	70	33	..	...	47
South Carolina Baptist Hospital◇	Gen	Church	90	80	6	170	2,654
South Carolina State Hospital◇	Ment	State	4,529	4,480	..	...	1,294
Veterans Admin. Facility♣	Gen	Vet	618	556	..	...	4,607
Waverley Sanitarium	N&M	Corp	25	16	..	...	304
Conway, 5,090—Horry							
Conway Hospital♣	Gen	NPAssn	66	36	10	337	2,501
Florence, 16,054—Florence							
Florence-Darlington Tuberculosis Sanatorium	TB	Counties	100	84	..	...	128
McLeod Infirmary♣◇	Gen	NPAssn	188	...No data supplied			
Saunders Memorial Hosp.◇	Gen	NPAssn	65	42	4	82	1,504
Gaffney, 7,635—Cherokee							
Cherokee County Hospital	Gen	County	50	31	6	80	1,190
Greenville, 34,734—Greenville							
Greenville County Tuberculosis Sanatorium	TB	County	81	78	..	...	91
Greenville General Hosp.♣◇	Gen	City	252	181	23	660	7,072

SOUTH CAROLINA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Dr. Jervey's Private Hosp.	ENT	Indiv	15	3	..	...	300
St. Francis Hospital	Gen	Church	90	78	20	527	3,023
Shriners Hospital for Crippled Children♣	Orth	NPAssn	65	60	..	...	291
Working Benevolent Hosp.	Gen	NPAssn	22	7	2	20	177
Greenwood, 13,620—Greenwood							
Brewer Hospital	Gen	NPAssn	25	17	6	36	519
Greenwood Hospital◇	Gen	NPAssn	72	49	8	257	2,269
Hartsville, 5,399—Darlington							
Byerly Hospital	Gen	NPAssn	39	26	4	241	1,755
Powe Hospital	Gen	Indiv	22	10	3	56	394
Kingstree, 3,182—Williamsburg							
Kelley Memorial Hospital	Gen	NPAssn	60	17	9	52	500
Lancaster, 4,430—Lancaster							
Marion Sims Memorial Hospital	Gen	NPAssn	50	...	12	Estab. 1940	
Laurens, 6,984—Laurens							
Laurens County Hospital	Gen	County	30	16	5	74	764
Moncks Corner, 1,165—Berkeley							
Berkeley County Hospital	GenTb	NPAssn	52	33	6	74	874
Moultrieville, 515—Charleston							
Station Hospital	Gen	Army	102	48	4	30	2,532
Mullins, 4,292—Marion							
Mullins Hospital♣	Gen	NPAssn	65	29	10	113	1,448
Navy Yard, 1,025—Charleston							
Pinehaven Sanatorium	TB	County	64	62	..	...	110
Newberry, 7,510—Newberry							
Newberry County Hospital	Gen	NPAssn	38	20	6	77	733
Orangeburg, 10,521—Orangeburg							
Tri-County Hospital◇	Gen	City	116	75	12	165	3,547
Parris Island, 250—Beaufort							
U. S. Naval Hospital♣	Gen	Navy	102	83	6	38	2,028
Rock Hill, 15,009—York							
St. Philip's Mercy Hospital	Gen	Church	65	64	5	187	2,567
York County Hospital	Gen	County	70	...	9	Estab. 1940	
Seneca, 2,155—Oconee							
Oconee County Hospital	Gen	NPAssn	45	15	5	65	850
Six Mile, 152—Pickens							
Dr. Peek's Hospital	Gen	Indiv	39	13	1	23	430
Spartanburg, 32,249—Spartanburg							
Mary Black Memorial Hospital◇	Gen	NPAssn	45	33	4	75	1,815
Spartanburg General Hospital♣◇	Gen	County	261	196	16	575	4,597
State Park, —Richland							
Palmetto Sanatorium	Unit of South Carolina Sanatorium						
South Carolina Sanatorium	TB	State	440	418	..	...	618
Summerville, 3,023—Dorchester							
Dorchester County Hospital	Gen	County	48	24	11	75	721
Sumter, 15,874—Sumter							
Thomley Hospital♣◇	Gen	NPAssn	114	65	16	208	2,047
Walterboro, 3,573—Colleton							
Charles Es'Dorn Hospital	Gen	Indiv	40	24	6	80	1,956
Woodruff, 3,508—Spartanburg							
Workman Memorial Hosp.	Gen	Indiv	11	6	2	23	397
Related Institutions							
Charleston, 71,275—Charleston							
Charleston Orphan House	Inst	City	24	4	..	...	406
Clinton, 3,704—Laurens							
State Training School	MeDe	State	815	815	1	2	159
Newberry, 7,510—Newberry							
People's Hospital	Gen	NPAssn	15	9	4	9	194
Ridgeland, 1,021—Jasper							
Evelyn Ritter Hospital	Gen	Indiv	30	13	6	41	609
Spartanburg, 32,249—Spartanburg							
Broadview Sanitarium	Conv	Indiv	14	6	..	...	150
Sumter, 15,874—Sumter							
Camp Alice, Sumter County Tuberculosis Sanitarium	TB	CyCo	36	19	..	...	41
Union, 8,478—Union							
Wallace Thomson Hospital	Gen	County	25	15	3	73	683

SOUTH DAKOTA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Aberdeen, 17,015—Brown							
St. Luke's Hospital◇	Gen	Church	125	77	25	412	3,709
Belle Fourche, 2,496—Butte							
John Burns Memorial Hosp.	Gen	NPAssn	25	8	10	71	426
Bowdle, 757—Edmunds							
Community Hospital	Gen	NPAssn	11	8	4	37	220
Brookings, 5,346—Brookings							
Brookings Municipal Hosp.	Gen	City	33	19	12	157	1,113
Burke, 692—Gregory							
Burke Hospital	Gen	NPAssn	14	7	5	68	286
Cheyenne Agency, 121—Dewey							
Cheyenne River Indian Hosp.	Gen	IA	45	21	6	67	566
Deadwood, 4,100—Lawrence							
St. Joseph's Hospital◇	Gen	Church	50	34	12	230	1,383
Dell Rapids, 1,705—Minnehaha							
Dell Rapids Hospital	Gen	Part	30	9	6	38	354
Eureka, 1,457—McPherson							
Eureka Community Hosp.	Gen	NPAssn	24	18	4	98	501
Faulkton, 747—Faulk							
Faulk County Hospital	Gen	County	20	10	5	68	370
Flandreau, 2,212—Moody							
Flandreau Municipal Hosp.	Gen	City	18	8	5	69	399
Fort Meade, 850—Meade							
Station Hospital	Gen	Army	120	52	2	18	842
Fort Thompson, 180—Buffalo							
Crow Creek Hospital	Gen	IA	20	13	5	48	378

Key to symbols and abbreviations is on page 1083

SOUTH DAKOTA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Gregory, 1,246—Gregory							
Mother of Grace Hospital...	Gen	Church	18	8	6	52	450
Hot Springs, 4,083—Fall River							
Lutheran Sanatorium and Hospital	Gen	Church	46	23	6	53	407
Our Lady of Lourdes Hospital and Sanitarium......	Gen	Church	65	40	6	56	1,090
Veterans Admin. Facility▲..	Gen	Vet	281	168	..	...	1,538
Huron, 10,843—Beadle							
Sprague Hospital▲◇	Gen	NPAssn	54	43	8	190	1,791
Lead, 7,520—Lawrence							
Homestake Hospital▲	Gen	NPAssn	25	15	..	...	631
Lemmon, 1,781—Perkins							
Lemmon Hospital	Gen	Indiv	12	3	3	8	130
Madison, 5,018—Lake							
Madison Community Hosp.▲	Gen	NPAssn	60	22	11	110	841
Milbank, 2,745—Grant							
St. Bernard Providence Hospital	Gen	Church	27	17	8	136	610
Miller, 1,460—Hand							
Miller Hospital and Clinic...	Gen	Part	18	9	6	70	540
Mitchell, 10,633—Davison							
Methodist State Hospital▲◇.	Gen	Church	100	68	15	180	2,402
St. Joseph Hospital▲◇.......	Gen	Church	118	65	13	268	2,710
Mobridge, 3,008—Walworth							
Lowe Hospital	Gen	Indiv	20	8	6	40	408
Mobridge Hospital	Gen	NPAssn	27	20	5	88	1,028
New Underwood, 214—Pennington							
New Underwood Community Hospital	Gen	NPAssn	13	4	6	47	285
Onida, 507—Sully							
Onida Hospital	Gen	Indiv	12	3	3	11	60
Pierre, 4,322—Hughes							
St. Mary's Hospital▲◇......	Gen	Church	102	63	18	214	2,518
Pine Ridge, 618—Shannon							
Pine Ridge Hospital.........	Gen	IA	59	45	10	166	1,451
Rapid City, 13,844—Pennington							
Black Hills General Hosp.▲..	Gen	Church	41	32	10	145	1,150
St. John's McNamara Hospital▲◇	Gen	Church	75	48	14	279	1,753
Sioux Sanatorium	TB	IA	134	112	..	...	299
Redfield, 2,428—Spink							
Baldwin Community Hosp...	Gen	CyCo	13	10	5	62	329
Rosebud, 120—Todd							
Rosebud Agency Indian Hospital	Gen	IA	56	37	8	128	1,254
Sanator, 10—Custer							
South Dakota State Sanatorium for Tuberculosis.....	TB	State	192	123	..	...	102
Sioux Falls, 40,832—Minnehaha							
McKennan Hospital▲◇	Gen	Church	113	71	20	409	2,195
Sioux Valley Hospital▲......	Gen	NPAssn	134	86	20	409	3,149
Volga, 632—Brookings							
Volga Hospital	Gen	NPAssn	16	6	4	61	409
Watertown, 10,617—Codington							
Bartron Hospital◇	Gen	NPAssn	65	50	11	179	1,735
Luther Hospital◇	Gen	Church	60	40	10	168	1,412
Webster, 2,173—Day							
Peabody Hospital▲◇	Gen	Indiv	50	35	10	159	1,269
Winner, 2,426—Tripp							
Wilson Hospital	Gen	Indiv	10	5	3	42	218
Winner General Hospital....	Gen	Part	12	6	6	88	243
Yankton, 6,798—Yankton							
Sacred Heart Hospital▲◇....	Gen	Church	160	82	20	249	2,220
Yankton State Hospital.....	Ment	State	1,892	1,616	..	...	361

Related Institutions

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Flandreau, 2,212—Moody							
Flandreau Indian School Hospital	Inst	IA	32	5	..	...	323
Garretson, 666—Minnehaha							
DeVall Hospital	Gen	Indiv	10	1	2	16	66
Hot Springs, 4,083—Fall River							
State Soldiers' Home Hosp..	Inst	State	40	19	..	...	197
Pierre, 4,322—Hughes							
Pierre Indian School Hosp..	Inst	IA	22	7	..	...	2·6
Platte, 1,017—Charles Mix							
Platte Hospital	Gen	Indiv	8	3	5	7	64
Redfield, 2,428—Spink							
State School and Home for Feebleminded	MeDe	State	750	649	..	...	86
Sioux Falls, 40,832—Minnehaha							
Moe Memorial Hospital and Home	Conv	Church	75	...	..Reorganized		
Sisseton, 2,513—Roberts							
Sisseton Indian Hospital....	Gen	IA	32	22	8	55	606
Wagner, 1,319—Charles Mix							
Duggan Hospital	Gen	Indiv	13	8	3	64	320
Yankton Indian Hospital...	Gen	IA	26	16	6	43	594

TENNESSEE

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Athens, 6,930—McMinn							
Epperson Clinic-Hospital ...	Gen	Indiv	23	8	2	100	536
Force Hospital	Gen	Part	20	8	6	95	626
Brownsville, 4,012—Haywood							
Haywood County Memorial Hospital	Gen	NPAssn	35	18	6	45	508
Chattanooga, 128,163—Hamilton							
Baroness Erlanger Hospital●◆▲◇	Gen	CyCo	450	278	60	1,753	9,246
Earl Campbell Clinic........	Gen	Indiv	17	5	6	50	328

TENNESSEE—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Newell and Newell Sanit.▲◇..	Gen	Part	65	32	3	29	1,325
Physicians and Surgeons Hospital	Gen	Indiv	19	15	7	95	350
Pine Breeze Sanatorium◆▲..	TB	NPAssn	250	255	..	...	297
T. C. Thompson Children's Hospital◆▲◇	MatCh	CyCo	84	50	11	15	1,450
Woman's Clinic	Gen	Indiv	9	3	7	96	170
Clarksville, 11,831—Montgomery							
Clarksville Home Infirmary.	Gen	Indiv	25	5	..	4	280
Clarksville Hospital	Gen	NPAssn	40	19	8	83	719
Cleveland, 11,351—Bradley							
Speck Hospital	Gen	NPAssn	30	4	3	10	198
Columbia, 10,034—Maury							
Kings Daughters Hospital◇.	Gen	NPAssn	50	13	12	116	1,008
Dayton, 1,870—Rhea							
Broyles Private Hospital....	Gen	Indiv	12	4	3	24	222
Thomison Hospital	Gen	Indiv	10	7	4	15	227
Dyersburg, 10,034—Dyer							
Baird-Brewer General Hosp.▲	Gen	Corp	35	12	8	48	691
Elizabethton, 8,516—Carter							
St. Elizabeth General Hosp..	Gen	Corp	25	10	5	146	709
Erwin, 3,350—Unicoi							
Erwin Community Hospital.	Gen	NPAssn	15	2	5	34	212
Franklin, 4,120—Williamson							
German-Rice Hospital	Gen	Part	14	10	4	74	521
Greeneville, 6,784—Greene							
Greeneville Sanatorium and Hospital▲◇	Gen	Corp	60	16	3	27	723
Takoma Hospital and Sanitarium▲	Gen	NPAssn	52	37	6	71	1,371
Humboldt, 5,160—Gibson							
Oursler Clinic	Gen	Indiv	10	...No data supplied			
Jackson, 24,332—Madison							
Fitts-White Clinic	Gen	Part	25	15	6	67	659
Memorial Hospital	Gen	NPAssn	25	14	6	75	763
Webb-Williamson Hospital-Clinic	Gen	Corp	24	15	6	45	747
Jefferson City, 2,576—Jefferson							
Jefferson Hospital	Gen	Indiv	30	...No data supplied			
Johnson City, 25,332—Washington							
Appalachian Hospital▲◇	Gen	NPAssn	64	33	12	297	1,688
Budd Clinic and Hospital...	Gen	Indiv	26	5	2	15	200
Campbell's Eye, Ear, Nose and Throat Hospital......	ENT	Indiv	10	2	..	...	625
Jones Eye, Ear, Nose and Throat Hospital	ENT	Part	28	14	..	...	1,219
Kingsport, 14,404—Sullivan							
Holston Valley Community Hospital▲	Gen	NPAssn	53	42	9	298	2,000
Knoxville, 111,580—Knox							
Beverly Hills Sanatorium...	TB	CyCo	160	122	..	...	113
Dr. H. E. Christenberry Eye, Ear, Nose and Throat Infirmary	ENT	Indiv	12	2	..	...	948
Eastern State Hospital.....	Ment	State	1,580	1,573	..	...	554
Fort Sanders Hospital▲◇...	Gen	NPAssn	175	142	30	735	5,007
Knoxville General Hosp.●◆▲◇	Gen	City	285	213	40	933	8,724
Reaves-Leach Infirmary	ENT	Part	7	4	..	...	410
St. Mary's Memorial Hospital▲◇	Gen	Church	63	51	12	255	1,860
Lawrenceburg, 3,807—Lawrence							
Lawrenceburg Sanitarium and Hospital	Gen	Church	20	9	4	33	640
Lebanon, 5,950—Wilson							
Martha Gaston Hospital....	Gen	Part	20	7	2	38	478
McFarland Hospital	Gen	Indiv	35	20	4	130	1,374
Livingston, 1,527—Overton							
Lady Ann Hospital..........	Gen	Indiv	12	6	2	14	249
Loudon, 3,017—Loudon							
Loudon County Hospital...	Gen	County	28	7	2	20	255
Madison College, —Davidson							
Madison Rural Sanitarium and Hospital▲◇	Gen	NPAssn	113	71	6	112	1,723
Maryville, 5,609—Blount							
Fort Craig Hospital.........	Gen	Indiv	40	15	6	44	652
Memphis, 292,942—Shelby							
Baptist Memorial Hosp.●▲◇.	Gen	Church	480	345	20	941	13,068
Collins Chapel Connectional Hospital◇	Gen	Church	50	30	10	10	720
Crippled Children's Hospital School	Orth	NPAssn	41	36	..	...	113
Gartly-Ramsay Hospital▲ ..	Gen	Corp	42	28	8	67	1,284
Hosp. for Crippled Adults▲.	Orth	NPAssn	66	56	..	...	439
John Gaston Hospital●◆▲◇..	Gen	City	489	472	61	1,882	15,639
McLemore Clinic	Gen	Corp	36	20	12	140	1,087
Memphis Eye, Ear, Nose and Throat Hospital◆▲	ENT	NPAssn	65	23	..	...	1,500
Methodist Hospital●◆▲◇	Gen	Church	250	158	52	925	7,428
St. Joseph's Hospital●▲◇....	Gen	Church	200	158	40	967	6,949
Turner-Gotten Sanatorium..	N&M	Part	18	11	..	...	144
U. S. Marine Hospital▲......	Gen	USPHS	130	104	..	...	1,905
Veterans Admin. Facility▲..	Gen	Vet	450	379	..	...	4,532
Wallace Sanitarium	N&M	Indiv	75	14	..	...	264
Willis C. Campbell Clinic◆▲.	Orth	Part	60	46	..	...	1,059
Morristown, 8,050—Hamblen							
Hamblen Hospital	Gen	Corp	25	...	4	Estab. 1940	
Nabers Clinic	Gen	Indiv	20	10	3	82	491
Mountain Home, —Washington							
Veterans Admin. Facility▲..	Gen	Vet	556	486	..	...	3,134
Murfreesboro, 9,495—Rutherford							
Rutherford Hospital▲	Gen	NPAssn	42	17	8	159	1,098
Veterans Admin. Facility....	Ment	Vet	785	...	..	Estab. 1940	
Nashville, 167,402—Davidson							
Central State Hospital......	Ment	State	1,870	1,822	..	...	420
City View Sanitarium.......	N&M	Indiv	50	21	..	...	306

Key to symbols and abbreviations is on page 1083

TENNESSEE—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Davidson County Tuberculosis Hospital◆▲	TB	County	300	245	..	...	394
Geo. W. Hubbard Hospital of Meharry Medical College◆◆▲	Gen	NPAssn	165	101	20	283	2,345
Hospital for the Criminal Insane	Unit of Central State Hospital						
Nashville General Hosp.◆◆▲	Gen	City	360	282	36	1,122	6,765
Protestant Hospital▲	Gen	NPAssn	104	79	18	466	2,984
St. Thomas Hospital◆▲	Gen	Church	175	130	29	827	5,667
Vanderbilt University Hospital◆◆▲	Gen	NPAssn	333	228	58	611	6,256
Newport, 3,575—Cocke							
Dr. E. E. Northcutt Private Clinic and Infirmary	Gen	Indiv	12	5	2	11	237
Oakville, 125—Shelby							
Oakville Memorial Sanat.	TB	CyCo	340	328	..	...	297
Paris, 6,395—Henry							
Mcewain Clinic	Gen	Indiv	24	8	4	26	472
Nobles Memorial Hospital	Gen	Part	25	7	3	37	• 490
Pleasant Hill, 178—Cumberland							
"Uplands" Cumberland Mountain Hospital and Sanat.	GenTb	NPAssn	44	15	5	30	191
Pressmen's Home, 100—Hawkins							
International Printing Pressmen and Assistants' Union Sanatorium	TB	NPAssn	40	30	..	...	8
Pulaski, 5,514—Giles							
Pulaski Hospital	Gen	Indiv	21	8	2	24	481
Raleigh, 287—Shelby							
Cheerfield Farm Preventorium	Unit of Oakville Memorial Sanat., Oakville						
Ridgetop, 351—Robertson							
Watauga Sanitarium	TB	Corp	40	14	..	...	40
Rockwood, 3,981—Roane							
Chamberlain Memorial Hosp.	Gen	NPAssn	50	20	10	79	850
Rogersville, 2,018—Hawkins							
Lyons Hospital	Gen	Indiv	15	6	4	32	428
Sewanee, 550—Franklin							
Emerald-Hodgson Memorial Hospital	Gen	Church	25	10	10	63	646
Springfield, 6,068—Robertson							
Robertson County Hospital	Gen	County	45	10	6	26	335
Sweetwater, 2,565—Monroe							
Sweetwater Hospital▲	Gen	NPAssn	28	12	4	36	530
Union City, 7,256—Obion							
Union City Clinic	Gen	Corp	15	6	2	30	250
Western State Hospital,—Hardeman							
Western State Hospital▲	Ment	State	2,055	2,108	..	...	705
Woodbury, 673—Cannon							
Good Samaritan Hospital	Gen	Indiv	26	15	6	51	614
Related Institutions							
Bristol, 14,004—Sullivan							
Hooks-English Infirmary	ENT	Part	10	3	..	...	387
Chattanooga, 128,163—Hamilton							
William L. Bork Memorial Hospital	Ment	County	307	290	..	...	138
Copperhill, 1,065—Polk							
Tennessee Copper Company's Hospital	Gen	NPAssn	10	1	..	15	40
Donelson, 186—Davidson							
Tennessee Home and Training School for Feebleminded Persons	MeDe	State	514	646	..	...	63
Etowah, 3,362—McMinn							
Etowah Hospital	Gen	Indiv	11	4	4	43	254
Fayetville, 4,064—Lincoln							
Lincoln County Hospital	Gen	County	33	24	2	52	920
Knoxville, 111,580—Knox							
Knox County Crippled Children's Hospital	Orth	NPAssn	30	18	..	...	131
Tennessee School for Deaf	Inst	State	20	4	..	...	539
University of Tennessee Hospital	Inst	State	13	5	..	...	326
Memphis, 292,942—Shelby							
Henry G. Hill Clinic	Orth	Indiv	10	6	..	...	248
Shelby County Hospital	Inst	County	707	582	..	...	461
Nashville, 167,402—Davidson							
Davidson County Hospital	Ment	County	788	751	4	14	567
Davidson County Isolation Hospital	Unit of Davidson County Hospital						
Junior League Home for Crippled Children	Orth	NPAssn	36	36	..	...	93
Tennessee State Penitentiary Hpital	Inst	State	72	48	..	...	711
Shelbyville, 6,527—Bedford							
Bedford County Hospital	Gen	NPAssn	36	24	6	95	817

TEXAS

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Abilene, 26,612—Taylor							
Abilene State Hospital	Epil	State	1,379	1,357	..	...	202
Hendrick Memorial Hosp.◆▲	Gen	Church	86	61	12	460	3,695
St. Ann Hospital	Gen	Church	18	....	6	Estab.	1940
Alice, 7,702—Jim Wells							
Alice Hospital	Gen	Corp	25	10	5	124	695
Alpine, 3,866—Brewster							
Alpine Hospital	Gen	Indiv	8	3	2	15	182
Amarillo, 51,086—Potter							
Northwest Texas Hospital▲	Gen	County	125	72	25	426	3,024
St. Anthony's Hospital▲	Gen	Church	87	72	22	461	2,786
Veterans Admin. Facility	Gen	Vet	156	....	..	Estab.	1940
Atlanta, 2,455—Cass							
Ellington Memorial Hospital	Gen	Part	11	6	4	96	492
Austin, 87,930—Travis							
Austin State Hospital	Ment	State	2,761	2,651	..	...	501
Austin-Travis County Sanat.	TB	CyCo	48	....	..	Estab.	1940
Brackenridge Hospital▲	Gen	City	129	118	20	900	5,469
St. David's Hospital	Gen	Church	44	31	8	192	2,122
Seton Hospital▲	Gen	Church	100	77	18	523	3,515
Bastrop, 1,976—Bastrop							
F. A. Orgain Memorial Hosp.	Gen	NPAssn	12	1	3	23	460
Bay City, 6,304—Matagorda							
Matagorda General Hospital	Gen	County	34	....	6	Estab.	1940
Baytown, 5,194—Harris							
Baytown Hospital	Gen	NPAssn	25	16	3	62	677
Beaumont, 59,061—Jefferson							
Hotel Dieu Hospital▲	Gen	Church	146	97	14	585	3,355
Jefferson County Tuberculosis Hospital	TB	County	87	87	..	...	75
Jefferson County Tuberculosis Hospital Annex	TB	County	33	31	..	...	29
St. Therese Hospital	Gen	Church	75	43	10	351	1,859
Beeville, 6,760—Bee							
Beeville Hospital	Gen	Indiv	32	16	4	34	540
Thomas Memorial Hospital	Gen	Part	22	18	4	98	595
Big Spring, 12,094—Howard							
Big Spring Hospital	Gen	Corp	25	17	6	138	1,081
Big Spring State Hospital	Ment	State	406	417	..	...	108
Cowper Clinic and Hospital	Gen	Indiv	11	....	5	Estab.	1940
Malone and Hogan Clinic-Hospital	Gen	Part	22	7	6	49	431
Bonham, 6,349—Fannin							
S. B. Allen Memorial Hosp.◇	Gen	NPAssn	42	16	4	65	510
Borger, 10,018—Hutchinson							
North Plains Hospital	Gen	County	22	3	7	...	...
Bowie, 3,470—Montague							
Bowie Clinic Hospital	Gen	Corp	15	8	2	41	405
Brackettville, 2,655—Kinney							
Station Hospital	Gen	Army	50	28	2	2	882
Brady, 5,092—McCulloch							
Brady Hospital◇	Gen	Part	55	22	10	145	1,122
Brenham, 6,435—Washington							
Sarah B. Milroy Memorial Hospital	Gen	Corp	21	5	2	39	469
St. Francis Hospital	Gen	Church	25	9	6	43	402
Brownfield, 4,009—Terry							
Teadaway-Daniell Hospital	Gen	Part	22	12	6	80	577
Brownsville, 22,083—Cameron							
Mercy Hospital▲	Gen	Church	50	16	8	118	929
Station Hospital	Gen	Army	50	11	1	23	498
Brownwood, 13,336—Brown							
Brownwood Memorial Hosp.	Gen	Corp	15	13	3	216	886
Medical Arts Hospital	Gen	NPAssn	41	18	4	28	1,126
Bryan, 11,842—Brazos							
Bryan-College Medical Center Hospital	Gen	Part	23	10	6	160	827
St. Joseph Hospital	Gen	Church	25	10	6	128	728
Burnet, 1,945—Burnet							
Shepperd-Allen Hospital	Gen	Part	18	12	8	107	663
Cameron, 5,009—Milam							
Cameron Hospital	Gen	Indiv	50	13	4	105	574
Canadian, 2,151—Hemphill							
Canadian Hospital	Gen	Indiv	10	3	3	61	229
Canyon, 2,022—Randall							
Nesbitt Hospital	Gen	Indiv	15	6	4	52	634
Center, 3,010—Shelby							
Center Sanitarium	Gen	Indiv	13	4	3	60	280
Warren Hospital	Gen	Part	12	4	1	17	160
Childress, 6,464—Childress							
Jeter-Townsend Hospital	Gen	Part	20	3	4	93	253
Cisco, 4,868—Eastland							
Graham Sanitarium	Gen	Indiv	22	6	4	25	456
Clarksville, 4,055—Red River							
Red River County Hospital	Gen	County	30	8	4	27	358
Cleburne, 10,558—Johnson							
Cleburne Sanitarium	Gen	Indiv	13	6	5	72	381
Clifton, 1,732—Bosque							
Goodall and Witcher Clinic Hospital	Gen	Part	10	5	4	56	289
Coleman, 6,054—Coleman							
Overall Memorial Hospital	Gen	CyCo	50	7	4	102	426
Colorado City, 5,376—Mitchell							
C. L. Root Memorial Hosp.	Gen	Indiv	14	6	8	68	414
Columbus, 2,422—Colorado							
John F. Bell Memorial Hospital	Gen	Indiv	10	3	2	27	157
Commerce, 4,639—Hunt							
Allen Hospital	Gen	Indiv	10	7	4	54	346
Lebetman Hospital	Gen	Indiv	10	4	7	74	351
Conroe, 4,024—Montgomery							
Mary Swain Sanitarium	Gen	Indiv	18	6	4	16	287
Montgomery County Hosp.	Gen	County	35	15	6	106	931
Corpus Christi, 57,301—Nueces							
Fred Roberts Memorial Hospital▲	Gen	NPAssn	55	34	10	176	1,538
Medical-Professional Hosp.	Gen	Corp	32	15	4	43	1,041
Spohn Hospital▲	Gen	Church	85	58	18	517	3,635
Corsicana, 15,252—Navarro							
Corsicana Hosp. and Clinic	Gen	Corp	20	4	2	22	214
Navarro Clinic Hospital	Gen	Part	20	11	6	74	773
Physicians and Surgeons Hospital	Gen	County	50	18	12	182	975

Key to symbols and abbreviations is on page 1083

TEXAS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Crockett, 4,536—Houston							
Butler Hospital	Gen	Indiv	65	61	6	15	358
Jim Smith Memorial Hospital and Crockett Clinic	Gen	Part	16	6	2	58	455
Crystal City, 6,529—Zavala							
Crystal Hospital	Gen	Corp	10	4	3	27	275
Cuero, 5,474—DeWitt							
Burns Hospital	Gen	Church	25	10	3	30	500
Lutheran Hospital	Gen	Church	20	5	2	13	266
Dalhart, 4,682—Dallam							
Loretto Hospital	Gen	Church	40	9	12	80	451
Dallas, 294,734—Dallas							
Baylor University Hosp.●♦▲◇	Gen	Church	385	289	56	1,406	11,821
Beverly Hills Sanitarium	N&M	Corp	30	22	..	...	177
Bradford Memorial Hospital for Babies♦▲	Chil	NPAssn	60	25	..	...	1,068
Carman Sanatorium	TB	Corp	25	16	..	...	85
Carrell-Girard Clinic	Orth	Part	23	8	..	...	280
Dallas Medical and Surgical Clinic Hospital▲	Gen	Part	27	17	..	...	1,211
Gaston Hospital	Gen	NPAssn	52	27	..	...	1,325
Medical Arts Hospital♦▲	Gen	Corp	86	75	..	...	4,485
Methodist Hospital●▲◇	Gen	Church	114	77	26	639	3,820
Nightingale Lying-in Hosp.	Unit of Baylor University Hospital						
Parkland Hospital●♦▲◇	Gen	CyCo	345	256	44	1,321	9,639
Pinkston Clinic	Gen	Indiv	17	5	2	23	250
St. Paul's Hospital●▲◇	Gen	Church	270	237	30	1,391	9,435
Texas Childrens Hospital♦	Chil	NPAssn	55	...	..	Estab.	1940
Texas Scottish Rite Hospital for Crippled Children♦▲	Orth	NPAssn	50	53	..	...	672
Timberlawn Sanitarium	Ment	Corp	50	22	..	...	220
Veterans Admin. Facility	Gen	Vet	262	...	..	Estab.	1940
Woodlawn Hospital	TB	CyCo	118	101	..	...	320
Decatur, 2,578—Wise							
Decatur Clinic Hospital	Gen	Indiv	14	9	7	70	318
Rogers Hospital	Gen	Indiv	18	10	5	122	781
Denison, 15,581—Grayson							
Denison City Hospital	Gen	NPAssn	35	22	8	168	661
Long-Sneed Clinic Hospital	Gen	Part	16	7	5	154	512
Missouri, Kansas, Texas Railroad Employees Hospital	Indus	NPAssn	65	29	..	...	487
Denton, 11,192—Denton							
Denton Hospital and Clinic	Gen	Indiv	25	11	5	108	678
Medical and Surgical Clinic	Gen	Part	14	6	4	65	500
Dublin, 2,546—Erath							
Guy Hospital	Gen	Indiv	14	3	3	175	350
Edinburg, 8,718—Hidalgo							
City-County Hospital	Gen	CyCo	48	19	8	62	607
El Campo, 3,906—Wharton							
Nightingale Hospital	Gen	County	50	20	10	121	935
Electra, 5,588—Wichita							
Electra Hospital	Gen	Indiv	21	6	7	73	397
Elgin, 2,008—Scott							
Fleming Hospital	Gen	NPAssn	8	3	3	16	170
El Paso, 96,810—El Paso							
El Paso City-County Hospital●▲	Gen	CyCo	192	117	20	579	3,885
El Paso Masonic Hospital◇	Gen	NPAssn	50	35	15	226	1,082
Hotel Dieu, Sisters' Hosp.▲◇	Gen	Church	100	70	25	408	2,760
Long Sanatorium	TB	Indiv	50	17	..	...	58
Newark Conference Maternity Hospital	Mat	Church	20	5	14	368	366
Providence Hospital	Gen	Indiv	40	22	3	25	1,119
St. Joseph's Sanatorium	TB	Church	75	30	..	...	125
Southwestern General Hospital▲	Gen	Corp	125	60	18	250	2,800
William Beaumont General Hospital●▲	Gen	Army	700	400	7	88	5,949
Floresville, 1,708—Wilson							
Oxford Hospital	Gen	Indiv	10	2	2	17	468
Floydada, 2,726—Floyd							
Floydada Hosp. and Clinic	Gen	Part	16	3	3	39	198
Fort Worth, 177,662—Tarrant							
All Saints Episcopal Hosp.▲	Gen	Church	65	53	12	481	2,531
City and County Hosp.●▲◇	Gen	CyCo	168	129	20	1,100	5,375
W. I. Cook Memorial Hospital▲	Gen	NPAssn	36	33	8	110	1,265
Ethel Ransom Memorial Hospital	Gen	Part	18	7	2	25	450
Fort Worth Children's Hospital◇	Chil	NPAssn	37	30	..	...	328
Harris Memorial Methodist Hospital●▲◇	Gen	Church	225	132	36	898	4,422
St. Joseph's Hospital●▲◇	Gen	Church	182	110	18	640	4,995
U. S. Public Health Service Hospital▲	Drug	Fed	1,005	530	..	...	941
Fredericksburg, 3,544—Gillespie							
Fredericksburg Hospital and Clinic	Gen	Corp	13	5	4	41	319
Keidel Memorial Hospital and Clinic	Gen	Indiv	12	5	4	41	240
Freeport, 2,579—Brazoria							
Freeport Hospital	Gen	NPAssn	14	10	3	182	646
Gainesville, 9,651—Cooke							
Gainesville Sanitarium◇	Gen	NPAssn	25	16	12	56	679
Galveston, 60,862—Galveston							
Galveston State Psychopathic Hospital♦▲	Ment	State	100	93	..	...	450
Hospital for Crippled and Deformed Children	Unit of John Sealy Hospital						
John Sealy Hospital●♦▲◇	Gen	City	401	372	20	745	7,707
Negro Hospital	Unit of John Sealy Hospital						
St. Mary's Infirmary♦▲◇	Gen	Church	225	125	20	500	3,431
Station Hospital	Gen	Army	46	26	..	...	924
U. S. Marine Hospital▲	Gen	USPHS	210	160	..	...	2,514
Georgetown, 3,682—Williamson							
Martin Hospital	Gen	Indiv	20	5	4	40	271
Gilmer, 3,138—Upshur							
Elmwood Sanitarium	Gen	Indiv	15	...No data supplied			
Oak Lawn Sanitarium	Gen	Part	12	4	3	102	340
Ragland Clinic-Hospital	Gen	Part	19	9	6	150	645
Gladewater, 4,454—Gregg							
Gladewater Hospital	Gen	Indiv	10	3	2	40	208
Leake Clinic Hospital	Gen	Indiv	20	8	3	45	430
Gonzales, 4,722—Gonzales							
Holmes Hospital	Gen	Corp	25	5	3	15	260
Goose Creek, 6,929—Harris							
Goose Creek Hospital	Gen	Corp	12	9	6	265	663
Lillie and Duke Hospital	Gen	Part	18	5	6	96	135
Gorman, 1,157—Eastland							
Blackwell Sanitarium	Gen	Part	30	20	3	371	600
Graham, 5,175—Young							
Graham Hospital	Gen	NPAssn	18	10	5	177	819
Greenville, 13,995—Hunt							
Dr. E. P. Becton's Hospital	Surg	Indiv	16	3	..	5	386
Goode and Philips Hospital	Gen	Part	10	5	4	50	202
Dr. Joe Becton's Hospital	Gen	Indiv	20	6	2	25	312
Groesbeck, 2,272—Limestone							
Dr. Cox's Hospital	Gen	Indiv	10	3	5	45	110
Hallettsville, 1,581—Lavaca							
Renger Hospital	Gen	Indiv	12	5	3	34	262
Harlingen, 13,306—Cameron							
Medical Arts Clinic	Gen	Part	7	2	3	98	181
Valley Baptist Hospital	Gen	Church	35	17	10	112	886
Haskell, 3,051—Haskell							
Haskell County Hospital	Gen	County	30	10	5	72	750
Henderson, 6,437—Rusk							
Henderson Memorial Hosp.	Gen	Corp	40	20	9	106	1,451
Hereford, 2,584—Deaf Smith							
Deaf Smith County Hosp.	Gen	County	20	5	8	120	313
Hillsboro, 7,799—Hill							
Boyd Sanitarium	Gen	Indiv	23	5	3	23	290
Houston, 384,514—Harris							
Autry Memorial Hosp.-School	Unit of Houston Tuberculosis Hospital						
Dr. Greenwood's Sanitarium	N&M	Corp	40	29	..	...	167
Heights Clinic-Hospital	Gen	Corp	40	16	7	292	1,139
Hermann Hospital●▲◇	Gen	NPAssn	250	123	20	521	4,568
Houston Eye, Ear, Nose and Throat Hospital	ENT	Corp	23	9	..	...	1,144
Houston Negro Hospital	Gen	NPAssn	50	18	8	78	302
Houston Tuberculosis Hosp.	TB	CyCo	172	151	..	...	342
Jefferson Davis Hosp.●♦▲◇	Gen	CyCo	432	370	64	2,051	14,395
Memorial Hospital▲◇	Gen	Church	195	176	20	1,095	10,897
Methodist Hospital♦▲◇	Gen	Church	120	101	12	434	3,778
Park View Hospital	Gen	Corp	30	14	6	116	772
St. Joseph's Infirmary♦▲◇	Gen	Church	275	215	80	3,168	10,897
Southern Pacific Hospital♦▲	Indus	NPAssn	120	66	..	...	1,807
Turner Urological Institute	Urol	Part	16	9	..	...	378
Wright Clinic and Hospital	Gen	Indiv	27	14	4	78	643
Huntsville, 5,108—Walker							
Huntsville Memorial Hosp.	Gen	NPAssn	20	8	3	60	500
Jacksboro, 2,368—Jack							
Jacksboro Hospital	Gen	Part	11	5	4	80	370
Jacksonville, 7,213—Cherokee							
Nan Travis Memorial Hosp.	Gen	NPAssn	65	35	9	151	2,024
Jasper, 3,497—Jasper							
Hardy-Hancock Hospital	Gen	Part	24	15	4	25	362
Richardson Hospital	Gen	Indiv	15	6	3	63	496
Kelly Field, —Bexar							
Station Hospital	Gen	Army	82	43	..	...	1,777
Kenedy, 2,891—Karnes							
Kenedy Clinic and Hospital	Gen	Corp	16	6	4	46	366
Kermit, —Winkler							
Robinson-McClure Clinic Hospital	Gen	Part	12	3	4	88	398
Kerrville, 5,572—Kerr							
Kerrville General Hospital	Gen	NPAssn	20	7	4	28	349
Kerrville State Sanatorium	TB	State	172	170	..	...	340
Mountain View Sanatorium	TB	Indiv	20	17	..	...	50
Sunnyside Sanatorium	TB	Indiv	20	16	..	...	54
Kilgore, 6,708—Gregg							
Kilgore Memorial Hospital	Gen	Part	21	10	7	129	600
Kingsville, 7,782—Kleberg							
Kleberg County Hospital	Gen	County	36	25	6	100	1,024
Knox City, 1,127—Knox							
Knox County Hospital	Gen	County	20	9	4	113	545
La Grange, 2,531—Fayette							
La Grange Hospital	Gen	Corp	45	13	8	83	620
Lamesa, 6,038—Dawson							
Loveless Hospital	Gen	Indiv	23	7	6	110	449
Price Hospital	Gen	Indiv	14	6	5	113	587
Lampasas, 3,426—Lampasas							
Rollins-Brook Hospital	Gen	Part	21	16	4	111	833
Laredo, 39,274—Webb							
Mercy Hospital	Gen	Church	75	30	10	176	1,233
Station Hospital	Gen	Army	37	6	1	4	177
La Tuna, 200—El Paso							
Federal Correctional Institution	Inst	Fed	26	25	..	...	622
Legion, 100—Kerr							
Veterans Admin. Facility▲	GenTb	Vet	420	451	..	...	2,155
Levelland, 3,091—Hockley							
Phillips-Dupre Hospital	Gen	Part	10	5	5	66	493
Liberty, 3,087—Liberty							
Mercy Hospital	Gen	Church	30	17	12	125	1,081
Littlefield, 3,817—Lamb							
Littlefield Hosp. and Clinic	Gen	Part	25	12	5	138	982
Payne-Shotwell Hospital and Clinic	Gen	Part	22	16	8	96	1,200

Key to symbols and abbreviations is on page 1083

TEXAS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Livingston, 1,851—Polk							
Livingston Hospital	Gen	Indiv	16	9	2	106	679
Lockhart, 5,018—Caldwell◇							
Lockhart Sanitarium	Gen	NPAssn	16	4	2	30	181
Longview, 13,758—Gregg							
Hurst Eye, Ear, Nose and Throat Hospital	ENT	NPAssn	12	2	..	...	700
Markham-Mellee Memorial Hospital	Gen	NPAssn	35	9	8	148	648
Lubbock, 31,853—Lubbock							
Lubbock Sanitarium◇	Gen	Corp	85	53	15	138	2,846
St. Mary of the Plains Hospital	Gen	Church	30	15	6	222	1,297
West Texas Hospitals◇	Gen	Corp	60	31	12	303	1,793
Lufkin, 9,857—Angelina							
Angelina County Hospital	Gen	County	40	40	5	241	1,542
Madisonville, 2,095—Madison							
Heath Hospital and Clinic	Gen	Indiv	18	5	2	42	300
Marfa, 3,985—Presidio							
Station Hospital	Gen	Army	46	17	2	19	464
Marlin, 6,542—Falls							
Bule-Allen Hospital	Gen	Indiv	23	17	2	18	650
Tortett Clinic and Hospital	Gen	Corp	42	20	4	73	1,387
Marshall, 18,490—Harrison							
Kahn Memorial Hospital	Gen	NPAssn	35	17	5	127	706
Texas and Pacific Railway Employees Hospital	Indus	NPAssn	105	52	..	...	2,002
Mathis, 1,926—San Patricio							
Mathis Hospital	Gen	Indiv	11	5	3	45	316
McAllen, 11,977—Hidalgo							
McAllen Municipal Hosp.◇	Gen	City	65	25	10	161	1,085
McKinney, 8,555—Collin							
McKinney City Hospitals◇	Gen	City	46	23	5	133	1,057
Memphis, 3,962—Hall							
Memphis Hospital	Gen	Indiv	15	4	2	30	321
Mercedes, 7,624—Hidalgo							
Mercedes General Hospital	Gen	NPAssn	22	6	5	85	358
Mexia, 6,410—Limestone							
Brown Memorial Hospital	Gen	Indiv	20	6	3	35	385
Midland, 9,352—Midland							
Ryan Hospital-Clinic	Gen	Indiv	12	8	4	80	521
Western Clinic Hospital	Gen	Part	13	5	6	112	347
Mineral Wells, 6,369—Palo Pinto							
Nazareth Hospital◇	Gen	Church	40	13	5	63	616
Mt. Pleasant, 4,628—Titus							
Taylor Hospital and Clinic	Gen	Part	14	3	3	17	145
Nacogdoches, 5,987—Nacogdoches							
City Memorial Hospital	Gen	City	40	21	5	118	1,331
Navasota, 6,538—Grimes							
Brazos Valley Sanitarium	Gen	Corp	22	8	4	88	653
New Braunfels, 6,976—Comal							
New Braunfels Hospital	Gen	Indiv	12	7	3	22	394
Newgulf, —Wharton							
Texas Gulf Sulphur Company Hospital	Gen	NPAssn	23	11	2	40	448
Odessa, 9,373—Ector							
Headlee Hospital	Gen	Indiv	25	9	10	207	803
Olney, 3,497—Young							
Hamilton Hospital	Gen	City	18	7	6	91	585
Orange, 7,472—Orange							
Frances Ann Lutcher Hosp.	Gen	Indiv	30	7	5	105	518
Paducah, 2,677—Cottle							
W. Q. Richards Memorial Hospital	Gen	Indiv	20	5	4	18	324
Palestine, 12,144—Anderson							
Missouri Pacific Lines Hosp.	Indus	NPAssn	75	39	..	...	1,113
Palestine Sanitarium	Gen	Corp	22	6	4	112	440
Pampa, 12,885—Gray							
Worley Memorial Hospital	Gen	Indiv	43	23	8	309	1,419
Paris, 18,678—Lamar							
George Griffiths Memorial Hospital for Children	Unit of Sanitarium of Paris						
Lamar County Hospital	Gen	County	35	30	7	141	1,108
St. Joseph's Hospital◇	Gen	Church	60	14	6	105	947
Sanitarium of Paris◇	Gen	Corp	72	60	7	98	2,007
Pasadena, 5,436—Harris							
Pasadena Hosp. and Clinic	Gen	Part	24	9	6	139	792
Pearsall, 3,164—Frio							
Goodnight Clinic Hospital	Gen	Indiv	10	4	2	30	180
Pecos, 4,855—Reeves							
Camp and Camp Hospital	Gen	Part	20	6	4	69	310
Phillips, 2,500—Hutchinson							
Pantex Hospital	Gen	NPAssn	12	4	3	55	242
Plainview, 8,383—Hale							
Plainview Sanitarium and Clinic◇	Gen	Part	44	34	6	144	1,882
Port Arthur, 46,140—Jefferson							
St. Mary's Hospital, Gates Memorial◇	Gen	Church	155	64	20	600	2,500
Prairie View (Hempstead P.O.), 16—Waller							
Prairie View State College Hospital◇	Gen	State	52	21	4	14	794
Quanah, 3,707—Hardeman							
Memorial Hospital	Gen	County	40	14	8	82	972
Ranger, 4,533—Eastland							
City-County Hospital	Gen	CyCo	32	24	5	93	867
West Texas Hospital	Gen	Corp	18	11	3	26	402
Raymondville, 4,043—Willacy							
Raymondville Hospital	Gen	Part	11	4	3	48	201
Refugio, 4,077—Refugio							
Refugio County Hospital	Gen	Church	45	...	6	Estab.	1940
Rio Grande City, 2,285—Starr							
Station Hospital	Gen	Army	30	7	2	12	268
Robstown, 6,780—Nueces							
Robstown Hospital	Gen	Corp	14	7	4	69	552

TEXAS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Roscoe, 1,166—Nolan							
Young Hospital	Gen	Indiv	25	5	7	115	875
Rosenberg, 3,457—Fort Bend							
Fort Bend Hospital	Gen	Corp	24	10	4	128	565
Rotan, 2,029—Fisher							
Callan Hospital	Gen	Part	17	10	5	94	633
Rusk, 5,609—Cherokee							
Rusk State Hospital	Ment	State	2,440	2,385	..	...	435
San Angelo, 25,802—Tom Green							
Clinic-Hospital◇	Gen	Corp	40	28	12	238	1,706
St. John's Hospital◇	Gen	Church	25	17	5	129	883
Shannon West Texas Memorial Hospital◇	Gen	NPAssn	100	63	15	344	3,557
San Antonio, 253,854—Bexar							
Central Clinic Hospital	Gen	Indiv	10	4	4	26	173
Grace Lutheran Sanatorium for Tuberculosis	TB	Church	36	29	..	...	84
Medical and Surgical Memorial Hospital◇	Gen	NPAssn	100	75	15	517	4,525
Dr. Moody's Sanitarium	N&M	Corp	50	36	..	...	192
Nix Hospital◇	Gen	Corp	145	95	24	494	5,314
Robert B. Green Memorial Hospital◇	Gen	County	200	144	18	833	5,027
Saenz Clinic	Gen	Indiv	10	3	4	48	139
San Antonio State Hospital	Ment	State	2,981	2,838	..	...	546
Santa Rosa Hospital◇	Gen	Church	287	178	31	791	7,526
Station Hospital (Fort Sam Houston)◇	Gen	Army	1,200	656	23	352	11,250
Woodmen of the World War Memorial Hospital◇	TB	NPAssn	150	98	..	...	163
Sanatorium, 1,040—Tom Green							
State Tuberculosis Sanat.	TB	State	1,000	821	..	...	2,184
San Marcos, 6,695—Hays							
Soldiers' and Sailors' Memorial Hospital	Gen	NPAssn	20	5	2	47	402
Santa Anna, 1,061—Coleman							
Sealy Hospital	Gen	Indiv	29	6	3	84	416
Sealy, 1,800—Austin							
Sealy Hospital	Gen	Indiv	8	4	2	55	320
Seguin, 7,006—Guadalupe							
Seguin Hospital	Gen	NPAssn	22	5	4	64	345
Seymour, 3,328—Baylor							
Baylor County Hospital	Gen	County	15	6	4	144	534
Shamrock, 3,123—Wheeler							
Shamrock General Hospital	Gen	Indiv	25	9	5	55	446
Sherman, 17,156—Grayson							
St. Vincent's Hospital◇	Gen	Church	50	33	6	138	1,444
Wilson N. Jones Hospital◇	Gen	NPAssn	66	39	8	162	2,608
Shiner, 1,529—Lavaca							
Dr. Wagner's Hospital	Gen	Indiv	16	7	3	26	312
Slaton, 3,587—Lubbock							
Merey Hospital	Gen	Church	40	8	6	44	297
Snyder, 5,815—Scurry							
Snyder General Hospital	Gen	Corp	24	10	4	63	526
Spur, 2,136—Dickens							
Nichols Sanitarium	Gen	Indiv	20	5	4	30	200
Stamford, 4,810—Jones							
Stamford Sanitarium	Gen	Part	30	23	10	261	1,439
Stephenville, 4,708—Erath							
Stephenville Hospital	Gen	NPAssn	25	14	3	88	1,021
Sugar Land, 1,840—Fort Bend							
Laura Eldridge Hospital	Gen	NPAssn	25	20	5	91	872
Sulphur Springs, 6,742—Hopkins							
Cozad Clinic and Hospital	Gen	Indiv	13	11	5	56	512
Sweetwater, 10,267—Nolan							
Sweetwater Hospital	Gen	City	40	14	10	152	1,551
Taylor, 7,875—Williamson							
Stromberg Clinic and Hosp.	Gen	Corp	20	12	4	57	394
Wedemeyer Hospital	Gen	Corp	30	11	5	95	600
Teague, 3,157—Freestone							
Davidson Sanitarium	Gen	Indiv	20	6	3	93	365
Temple, 15,344—Bell							
Gulf, Colorado and Santa Fe Hospitals◇	Indus	NPAssn	78	35	..	...	1,298
Kings Daughters Hosp.◇◇	Gen	NPAssn	110	70	8	99	3,054
Scott and White Hosp.◇◇	Gen	Corp	169	114	6	106	3,659
Terrell, 10,481—Kaufman							
Alexander Hospital	Gen	Indiv	25	10	2	41	665
Holton-Johnston Clinic Hosp.	Gen	Part	12	5	3	18	180
Terrell State Hospital	Ment	State	2,674	2,666	..	...	345
Texarkana, 17,019—Bowie							
Federal Correctional Institution	Gen	Fed	35	...	..	Estab.	1940
Texarkana Hospital◇	Gen	NPAssn	45	30	5	172	1,400
Timpson, 1,494—Shelby							
Timpson Hospital and Clinic	Gen	Indiv	12	...No data supplied			
Tyler, 28,279—Smith							
Bryant Clinic and Sanit.	Gen	Part	15	14	4	93	1,003
Mother Frances Hospital◇	Gen	Church	62	30	18	263	1,323
Uvalde, 6,679—Uvalde							
Merritt Hospital	Gen	Indiv	8	5	3	42	384
Vernon, 9,277—Wilbarger							
Christ the King Hospital	Gen	Church	22	5	3	34	318
Moore Brothers' Hospital	Gen	Indiv	18	7	2	40	520
Vernon Sanitarium	Gen	Indiv	20	7	8	188	701
Victoria, 11,566—Victoria							
De Tar Memorial Hospital	Gen	Indiv	26	13	7	79	602
Victoria Hospital	Gen	Corp	22	13	8	90	685
Waco, 55,982—McLennan							
Hillcrest Memorial Hosp.◇	Gen	Church	75	34	12	228	1,636
Joanna McClelland Memorial Hospital	Gen	City	50	31	20	341	1,917
Men's Hospital, Baylor University	Gen	Church	15	3	..	...	900
Providence Hospital◇	Gen	Church	115	56	10	429	2,910
Veterans Admin. Facility◇	Ment	Vet	1,122	1,080	..	...	777

Key to symbols and abbreviations is on page 1083

TEXAS—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Waxahachie, 8,655—Ellis							
Waxahachie Sanitarium♣	Gen	NPAssn	30	16	2	67	684
Weatherford, 5,924—Parker							
Medical and Surgical Clinic	Gen	Part	10	4	4	62	317
Wellington, 3,308—Collingsworth							
St. Joseph's Hospital	Gen	Church	20	5	4	76	542
Wharton, 4,386—Wharton							
Caney Valley Hospital	Gen	Corp	22	15	5	146	985
Wheer, 848—Wheeler							
Wheeler Hospital	Gen	Part	14	5	3	139	448
Wichita Falls, 45,112—Wichita							
Bethania Hospital♣	Gen	Church	34	22	8	355	1,510
Wichita Falls Clinic Hosp.♣♣	Gen	Part	80	56	10	198	2,969
Wichita Falls State Hospital	Ment	State	2,421	2,351	..	...	758
Wichita General Hospital◇	Gen	CyCo	140	77	11	505	3,454
Yoakum, 4,755—Lavaca							
Huth Memorial Hospital	Gen	Church	35	10	10	38	360
Yorktown, 2,081—De Witt							
Allen Hospital	Gen	Indiv	12	3	2	10	153
Related Institutions							
Almeda, 300—Harris							
Keighley Hospital	N&M	Indiv	36	19	..	...	130
Arlington, 4,240—Tarrant							
Knights Templar Hospital	Inst	NPAssn	25	16	..	...	162
Austin, 87,930—Travis							
Austin State School	MeDe	State	1,844	1,725	..	...	242
Texas Confederate Home Hospital	Inst	State	100	21	..	...	21
Bellville, 1,347—Austin							
Bellville Hospital	Gen	Part	10	4	3	53	293
Clarendon, 2,431—Donley							
Adair Hospital	Gen	County	14	1	3	16	118
College Station, 2,184—Brazos							
Agricultural and Mechanical College Hospital	Inst	State	125	21	..	...	3,582
Dallas, 294,734—Dallas							
Good Samaritan Hospital	Gen	Part	30	18	15	370	464
Ennis, 7,087—Ellis							
Municipal Hospital	Gen	City	20	6	3	85	480
Fort Worth, 177,662—Tarrant							
Elmwood Sanatorium	TB	CyCo	64	50	..	...	59
Howard Sanitarium	N&M	Indiv	20	8	..	...	40
Hallettsville, 1,561—Lavaca							
Dufner Hospital	Gen	Indiv	8	4	2	5	51
Houston, 384,514—Harris							
Houston Sanitarium	N&M	Indiv	12	...	..	Estab. 1940	
Huntsville, 5,108—Walker							
Texas State Prison Hosp.	Inst	State	161	118	..	...	3,144
Hutchins, 400—Dallas							
City-County Convalescent Hospital	Conv	CyCo	250	200	..	...	95
Luling, 4,437—Caldwell							
Luling Hospital	Gen	Part	12	5	2	46	241
Marlin, 6,542—Falls							
Crippled Children Hospital	Orth	NPAssn	40	25	..	...	461
McCamey, 2,595—Upton							
Cooper Hospital	Gen	Indiv	7	4	7	50	197
Memphis, 5,869—Hall							
Odom-Goodall Hospital	Gen	Part	15	4	3	51	470
Mt. Vernon, 1,443—Franklin							
Crutcher Hospital	Gen	NPAssn	10	2	2	11	98
Nixon, 1,825—Gonzales							
Crest View Hospital	Gen	Indiv	8	3	2	24	124
Odessa, 9,573—Ector							
Wood Hospital	Gen	Indiv	10	4	2	47	319
Pearsall, 3,164—Frio							
Dr. J. E. Beall Hospital	Gen	Indiv	10	3	4	25	122
Pecos, 4,855—Reeves							
Pecos Sanitarium	Gen	Indiv	10	3	2	48	164
Poteet, 2,315—Atascosa							
Shotts Memorial Hospital	Gen	Indiv	9	2	3	41	135
San Antonio, 253,854—Bexar							
Medical Arts Hospital	Gen	Corp	31	21	5	113	1,686
Physicians and Surgeons Hospital◇	Gen	Corp	60	37	20	312	2,022
Salvation Army Women's Home	Mat	Church	11	6	18	73	79
Station Hospital (Brooks Field)	Gen	Army	35	11	..	...	946
Shamrock, 3,125—Wheeler							
Shamrock Clinic Hospital	Gen	Part	14	4	3	66	300
Southton, 89—Bexar							
Bexar County Tuberculosis Colony	TB	County	75	71	..	...	161
Texon, 1,200—Reagan							
Texon Hospital	Gen	NPAssn	10	3	3	11	122

UTAH

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
American Fork, 3,235—Utah							
American Fork Community Hospital	Gen	City	16	8	10	188	559
Bingham Canyon, 2,854—Salt Lake							
Bingham Canyon Hospital♣	Gen	Indiv	40	18	7	55	540
Brigham, 5,641—Box Elder							
Cooley Memorial Hospital	Gen	NPAssn	30	10	12	188	775
Cedar City, 4,695—Iron							
Iron County Hospital	Gen	County	40	18	12	242	944

UTAH—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Fort Douglas, 1,071—Salt Lake							
Station Hospital	Gen	Army	70	54	..	...	894
Fort Duchesne, 104—Uintah							
Uintah and Ouray Agency Indian Hospital	Gen	IA	29	16	7	49	367
Heber, 2,748—Wasatch							
Heber Hospital	Gen	Indiv	14	7	5	44	145
Lehi, 2,733—Utah							
Lehi Hospital	Gen	City	13	5	8	80	219
Logan, 11,868—Cache							
Cache Valley General Hosp.	Gen	NPAssn	44	25	18	271	829
William Budge Memorial Hospital◇	Gen	NPAssn	68	53	20	302	3,985
Moab, 1,084—Grand							
Grand County Public Hosp.	Gen	County	16	8	7	81	315
Ogden, 43,688—Weber							
Thomas D. Dee Memorial Hospital♣♣	Gen	Church	188	148	36	1,265	6,006
Utah State Tuberculosis Sanatorium	TB	State	96	42	..	...	89
Park City, 3,738—Summit							
Park City Miners' Hospital	Gen	NPAssn	25	14	3	71	533
Payson, 3,501—Utah							
Payson City Hospital	Gen	NPAssn	35	13	8	138	494
Price, 5,214—Carbon							
Price City Hospital	Gen	City	50	42	12	247	1,087
Provo, 18,071—Utah							
Utah State Hospital	Ment	State	1,103	1,048	..	...	376
Utah Valley Hospital	Gen	NPAssn	50	29	14	333	1,561
Richfield, 3,584—Sevier							
Sevier Valley Hospital	Gen	Indiv	20	10	5	144	464
St. George, 2,434—Washington							
D. A. McGregor Hospital	Gen	NPAssn	27	10	5	104	412
Salina, 1,615—Sevier							
Salina Hospital	Gen	Indiv	20	6	6	63	272
Salt Lake City, 149,934—Salt Lake							
Dr. W. H. Groves Latter-Day Saints Hospital♣◇	Gen	Church	280	275	60	1,867	8,839
Holy Cross Hospital♣◇	Gen	Church	200	122	54	1,143	4,492
Primary Children's Hospital	Chil	Church	25	20	..	...	91
St. Mark's Hospital♣◇	Gen	Church	150	123	14	365	3,766
Salt Lake County General Hospital♣◇	Gen	County	237	153	21	533	4,211
Shriners Hospital for Crippled Children	Orth	NPAssn	20	20	..	...	49
Veterans Admin. Facility♣	Gen	Vet	104	103	..	...	955
Spanish Fork, 4,167—Utah							
Hughes Memorial Hospital	Gen	Indiv	12	3	5	37	182
Tremonton, 1,445—Box Elder							
Valley Hospital	Gen	NPAssn	20	9	8	132	454
Related Institutions							
American Fork, 3,235—Utah							
Utah State Training School	MeDe	State	585	566	..	...	248
Kanab, 1,365—Kane							
Kanab Hospital	Gen	Indiv	9	5	5	91	213
Murray, 5,740—Salt Lake							
Cottonwood State Maternity Hospital	Mat	Church	26	20	26	699	751

VERMONT

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Barre, 10,909—Washington							
Barre City Hospital♣◇	Gen	NPAssn	55	43	15	276	1,636
Washington County Sanat.	TB	State	47	44	..	...	49
Bellows Falls, 4,256—Windham							
Rockingham General Hosp.◇	Gen	NPAssn	38	23	9	146	763
Bennington, 7,628—Bennington							
Henry W. Putnam Memorial Hospital♣	Gen	NPAssn	86	62	20	252	1,569
Brattleboro, 9,622—Windham							
Brattleboro Memorial Hospital◇	Gen	NPAssn	75	46	12	190	2,762
Brattleboro Retreat	Ment	NPAssn	200	200	..	...	286
Burlington, 27,686—Chittenden							
Bishop DeGoesbriand Hospital♣◇	Gen	Church	120	95	15	291	3,602
Green Mountain Sanatorium	IntMed	Indiv	14	5	..	...	112
Lakeview Sanatorium	N&M	Corp	25	8	..	...	41
Mary Fletcher Hospital♣♣◇	Gen	NPAssn	135	120	15	518	5,708
Fort Ethan Allen, 106—Chittenden							
Station Hospital	Gen	Army	131	77	2	10	1,215
Hardwick, 1,027—Caledonia							
Hardwick Hospital	Gen	NPAssn	12	4	4	47	191
Middlebury, 2,125—Addison							
Porter Memorial Hospital♣	Gen	NPAssn	45	14	10	77	824
Montpelier, 8,095—Washington							
Heaton Hospital♣◇	Gen	NPAssn	70	55	12	191	2,181
Morrisville, 1,967—Lamoille							
Copley Hospital	Gen	NPAssn	31	16	5	66	617
Newport, 4,962—Orleans							
Orleans County Memorial Hospital♣	Gen	NPAssn	30	20	6	181	701
Pittsford, 576—Rutland							
Vermont Sanatorium	TB	State	85	78	..	...	125
Proctor, 2,184—Rutland							
Proctor Hospital	Gen	NPAssn	35	12	7	60	419
Randolph, 1,988—Orange							
Gifford Memorial Hosp.♣◇	Gen	NPAssn	53	22	10	88	702
Rutland, 17,082—Rutland							
Rutland Hospital◇	Gen	NPAssn	140	91	20	394	2,844

Key to symbols and abbreviations is on page 1083

VERMONT—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
St. Albans, 8,027—Franklin							
St. Albans Hospital◇	Gen	NPAssn	50	44	8	121	1,504
St. Johnsbury, 7,457—Caledonia							
Brightlook Hospital◇	Gen	NPAssn	55	33	12	135	1,128
St. Johnsbury Hospital	Gen	Church	30	15	5	42	390
Springfield, 5,182—Windsor							
Springfield Hospital◇	Gen	NPAssn	30	24	6	168	694
Waterbury, 3,974—Washington							
Vermont State Hospital for the Insane	Ment	State	1,080	1,044	..	....	378
White River Junction, 2,271—Windsor							
Veterans Admin. Facility◇	Gen	Vet	188	131	..	....	1,072
Winooski, 6,036—Chittenden							
Fanny Allen Hospital◇	Gen	Church	75	67	14	163	1,137
Related Institutions							
Brandon, 2,979—Rutland							
Brandon State School	MeDe	State	400	332	..	....	43
Pittsford, 575—Rutland							
Caverly Preventorium	TB	NPAssn	77	69	..	....	149
Windsor, 3,402—Windsor							
Vermont State Prison Hosp.	Inst	State	11	6	..	....	101
Windsor Hospital	Gen	NPAssn	15	9	5	64	315

VIRGINIA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Abingdon, 3,158—Washington							
Johnston Memorial Hosp.◇	Gen	NPAssn	60	30	6	45	971
Alexandria, 33,523—Arlington							
Alexandria Hospital◇	Gen	NPAssn	100	83	26	624	3,249
Bedford, 3,973—Bedford							
Hartwell Hospital	Gen	Indiv	25	11	4	38	341
John Russell Hospital	Gen	Corp	23				....No data supplied
Bristol, 9,768—Washington							
Kings Mountain Memorial Hospital◇	Gen	NPAssn	40	23	3	217	1,329
Brook Hill, 30—Henrico							
Pine Camp Hospital	TB	City	286	190	..	....	178
Burkeville, 658—Nottoway							
Piedmont Sanatorium◇	TB	State	289	144	..	....	247
Catawba Sanatorium, 100—Roanoke							
Catawba Sanatorium	TB	State	400	350	..	....	566
Charlottesville, 19,400—Albemarle							
Blue Ridge Sanatorium◇	TB	State	370	315	..	....	497
Martha Jefferson Hospital and Sanitarium◇	Gen	NPAssn	50	32	10	213	1,444
University of Virginia Hospitals◇◇◇	Gen	State	367	278	44	809	8,818
Christiansburg, 2,280—Montgomery							
New Altamont Hospital	Gen	Corp	25	15	8	80	1,104
Clifton Forge, 6,461—Alleghany							
Chesapeake and Ohio Hospital◇◇◇	Gen	NPAssn	135	96	8	86	3,180
Clintwood, 1,106—Dickenson							
Dickenson County Hospital	Gen	Indiv	20	8	4	64	864
Coeburn, 764—Wise							
Coeburn Hospital	Gen	Part	30	15	5	14	427
Covington—Alleghany							
Covington General Hospital	Gen	Indiv	15	10	4	31	383
Dante, 2,000—Russell							
Clinchfield Hospital	Gen	NPAssn	25	14	2	19	500
Danville, 35,740—Pittsylvania							
Hilltop Sanatorium	TB	NPAssn	60	50	..	....	121
Memorial Hospital◇	Gen	NPAssn	118	96	14	555	5,110
Farmville, 3,475—Prince Edward							
Southside Community Hosp.◇	Gen	NPAssn	38	35	8	139	1,561
Fort Belvoir, —Fairfax							
Station Hospital	Gen	Army	50	31	..	....	1,177
Fort Myer, 1,050—Arlington							
Station Hospital	Gen	Army	139	61	..	....	1,030
Fortress Monroe, 1,385—Elizabeth City							
Station Hospital◇	Gen	Army	136	67	4	45	2,166
Franklin, 3,456—Southampton							
Raiford Hed Hospital	Gen	Indiv	35	20	6	71	1,001
Fredericksburg, 10,666—Spotsylvania							
Mary Washington Hospital	Gen	NPAssn	75	62	10	294	2,213
Front Royal, 3,831—Warren							
Front Royal Hospital	Gen	Corp	25	....	4	Estab. 1940	
Grundy, —Buchanan							
Grundy Hospital	Gen	Indiv	50	36	6	43	1,513
Hampton, 5,808—Elizabeth City							
Dixie Hospital◇	Gen	NPAssn	91	45	12	147	1,419
Harrisonburg, 8,768—Rockingham							
Rockingham Memorial Hospital◇	Gen	NPAssn	142	109	14	280	4,107
Hopewell, 8,679—Prince George							
John Randolph Hospital	Gen	Corp	14	7	6	85	416
Hot Springs, 1,400—Bath							
Community House	Gen	NPAssn	13	5	4	29	157
Kecoughtan, 1,900—Elizabeth City							
Veterans Admin. Facility◇	Gen	Vet	534	421	..	....	3,452
Langley Field, —Elizabeth City							
Station Hospital	Gen	Army	135	61	5	99	2,000
Lebanon, 622—Russell							
Lebanon General Hospital	Gen	Part	20	5	5	23	355
Leesburg, 1,608—Loudoun							
Loudoun County Hospital	Gen	County	38	15	7	72	684
Lexington, 3,914—Rockbridge							
Stonewall Jackson Memorial Hospital	Gen	NPAssn	57	29	8	84	1,396
Lorton, 60—Fairfax							
District of Columbia Reformatory		See Washington, D. C.					

VIRGINIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Luray, 1,511—Page							
Page Memorial Hospital	Gen	NPAssn	20	8	6	58	575
Lynchburg, 44,541—Campbell							
Guggenheimer Memorial Hospital	Unit of Marshall Lodge Memorial Hospital						
Lynchburg General Hosp.◇	Gen	City	149	108	28	552	2,450
Marshall Lodge Memorial Hospital◇	Gen	NPAssn	93	72	12	310	2,095
Virginia Baptist Hospital◇	Gen	Church	100	48	16	315	1,829
Lynnhaven, 250—Princess Anne							
Tidewater Memorial Hosp.	TB	NPAssn	50	48	..	....	74
Marion, 5,177—Smyth							
Homeland Hospital	Gen	Indiv	14	8	3	33	474
Lee Memorial Hospital	Gen	NPAssn	28	....	4	Estab. 1940	
Southwestern State Hospital	Ment	State	1,347	1,250	..	....	395
Martinsville, 10,099—Henry							
Shackelford Hospital	Gen	Indiv	50	39	6	98	1,716
Nassawadox, 1,000—Northampton							
Northampton-Accomac Memorial Hospital	Gen	Counties	55	33	7	73	1,000
Newport News, 37,067—Warwick							
Elizabeth Buxton Hosp.◇◇	Gen	Indiv	90	73	10	312	2,986
Riverside Hospital◇	Gen	NPAssn	100	55	14	231	2,518
Whittaker Memorial Hosp.	Gen	NPAssn	44	15	6	29	775
Norfolk, 144,332—Norfolk							
Charles R. Grandy Sanat.	TB	City	115	102	..	....	105
Henry A. Wise Memorial Hospital	Iso	City	24	3	..	....	110
Hospital of St. Vincent de Paul◇◇	Gen	Church	228	132	22	443	4,052
Leigh Memorial Hospital◇	Gen	NPAssn	47	38	11	215	1,488
Norfolk Community Hosp.◇	Gen	NPAssn	54	32	11	70	907
Norfolk General Hosp.◇◇◇	Gen	NPAssn	242	209	30	808	8,000
U. S. Marine Hospital◇◇	Gen	USPHS	200	274	..	....	3,869
Norton, 4,006—Wise							
Norton General Hospital	Gen	Indiv	20	12	2	23	642
Pennington Gap, 1,900—Lee							
Lee General Hospital	Gen	Corp	32	25	2	15	1,196
Petersburg, 30,631—Dinwiddie							
Central State Hospital	Ment	State	3,521	3,092	..	....	919
Medical Center Hospitals	Unit of Central State Hospital						
Petersburg Hospital◇	Gen	NPAssn	72	51	7	198	2,041
Petersburg State Colony	MeDe	State	240	197	..	....	54
Portsmouth, 50,745—Norfolk							
Kings Daughters Hospital◇	Gen	NPAssn	109	77	16	291	2,579
Norfolk Naval Hospital◇◇	Gen	Navy	1,000	650	21	436	9,227
Parrish Memorial Hosp.◇	Gen	Corp	50	25	10	180	1,361
Pulaski, 8,792—Pulaski							
Pulaski Hospital	Gen	Corp	60	41	6	128	1,675
Radford, 6,999—Montgomery							
St. Albans Sanatorium	N&M	Part	46	40	..	....	335
Richlands, 2,393—Tazewell							
Clinch Valley Clinic Hospital	Gen	Corp	95	59	8	150	2,729
Mattie Williams Hospital	Gen	Indiv	75	49	8	72	1,773
Richmond, 193,042—Henrico							
Crippled Children's Hosp.◇	Orth	NPAssn	120	97	..	....	220
Dooley Hospital	Unit of Med. Col. of Va., Hospital Division						
Grace Hospital◇◇	Gen	Corp	85	72	12	398	5,063
Johnston-Willis Hospital◇◇◇	Gen	Corp	122	101	20	518	5,317
Medical College of Virginia, Hospital Div.◇◇◇	Gen	State	472	409	40	838	10,142
Memorial Hospital	Unit of Med. Col. of Va., Hospital Division						
Retreat for the Sick◇	Gen	NPAssn	90	56	10	285	2,317
Richmond Community Hosp.	Gen	NPAssn	25	13	4	56	346
St. Elizabeth's Hospital◇◇	Gen	Corp	20	44	..	1	1,542
St. Luke's Hospital◇◇	Gen	Corp	85	73	20	418	2,518
St. Philip Hospital◇	Unit of Med. Col. of Va., Hospital Division						
Sheltering Arms Hospital◇	Gen	NPAssn	78	62	7	136	1,370
Stuart Circle Hospital◇◇	Gen	Corp	94	74	18	390	2,901
Tucker Sanatorium◇	N&M	Corp	50	36	..	....	476
Westbrook Sanatorium	N&M	Corp	135	92	..	....	281
Roanoke, 69,287—Roanoke							
Burrell Memorial Hospital◇	Gen	NPAssn	38				....No data supplied
Gill Memorial Eye, Ear and Throat Hospital◇◇	ENT	NPAssn	25	4	..	....	722
Jefferson Hospital◇◇◇	Gen	NPAssn	102	79	12	556	2,944
Lewis-Gale Hospital◇◇	Gen	NPAssn	122	77	17	182	3,479
Roanoke City Tuberercular Sanatorium	TB	City	60	30	..	....	84
Roanoke Hospital◇	Gen	NPAssn	92	52	14	587	2,558
Shenandoah Hospital◇	Gen	Corp	50	24	8	227	1,067
Veterans Admin. Facility◇	Ment	Vet	1,000	1,036	..	....	784
Saltville, 2,650—Smyth							
Mathieson Hospital	Gen	NPAssn	16	6	3	37	356
South Boston, 5,—Halifax							
South Boston Hospital	Gen	Indiv	34	14	4	61	556
Staunton, 13,357—Augusta							
Kings Daughters Hospital◇	Gen	NPAssn	78	41	10	139	1,361
Stuart, 726—Patrick							
Stuart Hospital	Gen	Indiv	21	8	3	36	268
Suffolk, 11,345—Nansemond							
Lakeview Hospital◇	Gen	Corp	65	30	6	79	1,156
Virginia General Hospital	Gen	NPAssn	25	8	5	38	270
University, —Albemarle							
University of Virginia Hosp.	See Charlottesville						
Waynesboro, 7,373—Augusta							
Waynesboro Community Hospital	Gen	NPAssn	35	15	6	115	620
Williamsburg, 3,942—James City							
Bell Hospital	Gen	Indiv	17	7	3	45	401
Eastern State Hospital	Ment	State	1,700	1,748	..	....	535
Winchester, 12,005—Frederick							
Winchester Memorial Hospitals◇	Gen	NPAssn	123	75	18	346	2,957
Woodstock, 1,546—Shenandoah							
Cora Miller Memorial Hosp.	Gen	Indiv	32	14	3	34	572

Key to symbols and abbreviations is on page 1083

VIRGINIA—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Beaumont, —Powhatan							
Virginia Industrial School for Boys	Inst	State	21	7	..	...	350
Colony, 100—Amherst							
Medical Center Hospital♣	Unit of Lynchburg State Colony						
Lynchburg State Colony	MeDe	State	1,539	1,465	..	...	320
Falls Church, 2,576—Fairfax							
Gundry Home and Training School for Feebleminded	MeDe	Indiv	80	78	..	...	7
Lawrenceville, 1,761—Brunswick							
Louise Taylor Letcher Memorial Hospital	Inst	Church	18	1	1	4	169
Martinsville, 10,080—Henry							
St. Mary Hospital	Gen	Indiv	14	5	2	35	148
Norfolk, 144,332—Norfolk							
McCoy Stokes Hospital	ENT	Part	11	3	..	...	334
Richmond, 193,042—Henrico							
City Home	InstGen	City	425	433	25	91	1,021
Penitentiary Hospital	Inst	State	50	30	..	...	900
State Farm, 60—Goochland							
State Farm Hospital	Inst	State	50	31	..	...	350
Stonega, 251—Wise							
Stonega Hospital	Indus	NPAssn	16	4	..	...	152
Staunton, 15,357—Augusta							
DeJarnette Sanatorium	Unit of Western State Hospital						
Western State Hospital	Ment	State	2,458	2,446	..	...	1,021
Sweet Briar, 200—Amherst							
Sweet Briar College Infirmary	Inst	NPAssn	20	2	..	...	192

WASHINGTON

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Aberdeen, 18,846—Grays Harbor							
St. Joseph's Hospital♣	Gen	Church	60	53	20	388	1,855
American Lake, 800—Pierce							
Veterans Admin. Facility♣	Ment	Vet	710	684	..	...	361
Anacortes, 5,875—Skagit							
Anacortes Hospital	Gen	Corp	25	4	5	76	510
Auburn, 4,211—King							
Suburban Hospital	Gen	Corp	30	13	6	79	467
Bellingham, 29,415—Whatcom							
St. Frances Hospital	Gen	Indiv	17	7	4	68	240
St. Joseph's Hospital♣	Gen	Church	100	68	15	405	2,167
St. Luke's General Hosp.♣	Gen	NPAssn	70	49	12	280	2,066
Whatcom County Hospital	Gen	County	80	58	8	128	854
Bremerton, 15,134—Kitsap							
U. S. Naval Hospital♣	Gen	Navy	308	157	8	96	2,858
Centralia, 7,414—Lewis							
St. Luke's Hospital and Sweet Clinic	Gen	Part	25	13	10	149	629
Chehalis, 4,857—Lewis							
St. Helen's Hospital	Gen	Church	23	14	8	147	600
Cheverlah, 1,565—Stevens							
St. Joseph's Hospital	Gen	Church	21	15	7	118	550
Colfax, 2,855—Whitman							
St. Ignatius Hospital♣	Gen	Church	60	42	10	108	1,578
Colville, 2,418—Stevens							
Mt. Carmel Hospital	Gen	Indiv	30	19	6	130	770
Dayton, 3,026—Columbia							
John Bruning Memorial Hospital	Gen	Indiv	20	13	4	87	455
Ellensburg, 5,944—Kittitas							
Ellensburg General Hosp.♣	Gen	Corp	25	16	10	168	667
Valley General Hospital	Gen	Part	15	8	6	108	397
Elma, 1,576—Grays Harbor							
Elma General Hospital	Gen	Indiv	17	6	6	98	279
Oakhurst Sanatorium♣	TB	County	65	66	..	...	70
Everett, 30,224—Snohomish							
General Hospital♣	Gen	NPAssn	80	67	16	414	2,511
Providence Hospital♣	Gen	Church	114	68	22	435	2,313
Forks, 600—Clallam							
Olympic Hospital	Gen	Indiv	28	7	3	28	366
Fort Lewis, —Pierce							
Station Hospital♣	Gen	Army	452	131	8	118	3,208
Fort Steilacoom, 2,080—Pierce							
Western State Hospital♣	Ment	State	2,885	2,641	..	...	782
Fort Worden (Port Townsend P.O.), 387—Jefferson							
Station Hospital	Gen	Army	45	12	2	10	171
Kirkland, 2,084—King							
Kirkland Hospital	Gen	Indiv	12	4	6	75	248
Lakeview, 300—Pierce							
Mountain View Sanatorium	TB	County	140	120	..	...	201
Leavenworth, 1,608—Chelan							
Cascade Sanitarium	Gen	NPAssn	35	23	6	106	1,102
Longview, 12,365—Cowlitz							
Cowlitz General Hospital	Gen	NPAssn	45	36	14	322	1,487
Longview Memorial Hospital	Gen	Corp	60	33	16	313	1,670
Mason City, —Okanogan							
Mason City Hospital	Gen	Corp	50	33	12	265	2,100
Medical Lake, 2,114—Spokane							
Eastern State Hospital♣	Ment	State	1,992	1,866	..	...	468
Mt. Vernon, 4,278—Skagit							
Mt. Vernon General Hospital	Gen	Indiv	30	11	6	72	615
Nespelem, 300—Okanogan							
Colville Indian Hospital	Gen	IA	40	31	5	74	614
Newport, 1,174—Pend Oreille							
Newport Community Hosp.	Gen	NPAssn	15	10	4	67	295
Olympia, 15,254—Thurston							
St. Peter's Hospital♣	Gen	Church	100	57	15	286	2,221
Pasco, 3,913—Franklin							
Our Lady of Lourdes Hospital♣	Gen	Church	58	29	9	177	1,082

WASHINGTON—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Port Angeles, 9,409—Clallam							
Davidson and Hay Hospital	Gen	Part	50	21	10	127	1,704
Port Angeles General Hospital♣	Gen	NPAssn	87	41	12	197	1,360
Port Gamble, 200—Kitsap							
McCormick General Hospital	Gen	Indiv	14	4	2	47	282
Port Townsend, 4,083—Jefferson							
St. John's Hospital	Gen	Church	80	32	12	95	688
Puyallup, 7,989—Pierce							
Puget Sound Sanatorium	N&M	Indiv	26	11	..	...	101
Puyallup General Hospital	Gen	Part	24	12	8	120	610
Renton, 4,488—King							
Bronson Memorial Hospital	Gen	Indiv	33	10	8	118	632
Richmond Highlands, 600—King							
Firland Sanatorium and Isolation Hospital♣	TbIso	City	230	235	..	...	271
Seattle, 368,302—King							
Ballard General Hospital	Gen	NPAssn	30	14	10	91	814
Children's Orthopedic Hospital♣⊕	Orth	NPAssn	134	114	..	...	1,444
Cobb Building Surgery	Surg	Indiv	20	10	..	...	1,457
Columbus Hospital♣⊕	Gen	Church	200	94	30	588	3,429
Firlawn Sanatorium	N&M	Corp	20	16	..	...	41
King County Hospital, Unit No. 1 (Harborview)♣⊕	Gen	County	454	387	51	934	13,109
King County Tuberculosis Hospital♣	TB	County	167	159	..	...	104
Laurel Beach Sanatorium	TB	Part	85	84	..	...	194
Maynard Hospital♣	Gen	NPAssn	100	78	35	880	2,991
Meadows Sanatorium	N&M	Corp	35	24	..	...	127
Medical and Dental Building Surgery	Surg	Indiv	15	10	..	...	2,173
Providence Hospital♣⊕	Gen	Church	342	251	58	1,191	10,575
Riverton Hospital for Chest Diseases	TB	NPAssn	88	79	..	...	121
Seattle General Hospital♣⊕	Gen	NPAssn	100	95	25	517	5,536
Station Hospital	Gen	Army	20	2	..	...	175
Swedish Hospital♣⊕	Gen	NPAssn	255	203	65	1,131	6,297
U. S. Marine Hospital♣⊕	Gen	USPHS	400	233	..	11	5,477
Virginia Mason Hospital♣⊕	Gen	NPAssn	137	116	30	503	4,511
Sedro Woolley, 2,954—Skagit							
Memorial Hospital	Gen	NPAssn	32	17	8	154	625
Northern State Hospital♣⊕	Ment	State	1,955	1,932	..	...	387
Shelton, 3,570—Mason							
Shelton General Hospital	Gen	NPAssn	45	36	12	209	1,323
Snohomish, 2,704—Snohomish							
Aldercrest Sanatorium	TB	County	57	54	..	...	56
Snohomish General Hospital	Gen	Indiv	16	6	4	76	311
Snoqualmie Falls, —King							
Snoqualmie Falls Hospital	Gen	Indiv	25	12	6	52	429
Soap Lake, 622—Grant							
McKay Memorial Research Hospital	Gen	State	22	14	..	...	101
South Bend, 1,777—Pacific							
South Bend General Hosp.	Gen	Part	20	5	6	66	122
Spokane, 122,001—Spokane							
Deaconess Hospital♣⊕	Gen	Church	185	125	36	780	5,480
Edgecliff Sanatorium	TB	County	140	121	..	...	112
Sacred Heart Hospital♣⊕	Gen	Church	300	227	86	1,213	8,138
St. Luke's Hospital♣⊕	Gen	NPAssn	160	103	20	374	3,534
Salvation Army Women's Hospital and Home	Mat	Church	42	25	25	105	111
Shriners Hospital for Crippled Children	Orth	NPAssn	30	20	..	...	135
Station Hospital♣	Gen	Army	56	45	..	5	883
Stanwood, 600—Snohomish							
Stanwood General Hospital	Gen	Indiv	14	6	3	35	170
Tacoma, 109,408—Pierce							
Northern Pacific Beneficial Association Hospital♣	Gen	NPAssn	111	57	9	40	2,666
Pierce County Hospital♣	Gen	County	168	157	22	454	3,789
St. Joseph's Hospital♣⊕	Gen	Church	279	180	50	727	5,294
Tacoma General Hosp.♣⊕	Gen	NPAssn	185	124	35	1,156	5,813
Tacoma Indian Hospital♣	GenTb	IA	208	238	..	...	1,027
Toppenish, 3,083—Yakima							
Yakima Sanatorium	TB	IA	37	30	..	...	60
Vancouver, 18,788—Clark							
Clark County Hospital	Gen	County	40	33	8	44	723
Clark General Hospital	Gen	NPAssn	43	36	12	177	1,054
St. Joseph Hospital♣	Gen	Church	60	39	20	291	2,141
Station Hospital♣	Gen	Army	132	68	4	37	1,561
Walla Walla, 18,109—Walla Walla							
St. Mary's Hospital♣⊕	Gen	Church	85	65	15	298	2,348
Veterans Admin. Facility♣	GenTb	Vet	421	291	..	...	1,795
Walla Walla General Hosp.♣	Gen	Church	50	32	9	135	739
Wenatchee, 11,620—Chelan							
Central Washington Deaconess Hospital♣⊕	Gen	Church	50	37	14	261	1,406
St. Anthony's Hospital♣⊕	Gen	Church	60	40	15	280	1,324
Yakima, 27,221—Yakima							
St. Elizabeth's Hospital♣⊕	Gen	Church	164	140	30	1,602	4,781
Yakima County Hospital	Gen	County	148	92	13	225	2,263

Related Institutions

Chehalis, 4,857—Lewis							
State Training School for Boys	Inst	State	49	11	..	...	619
Cle Elum, 2,250—Kittitas							
Roslyn Cle Elum Beneficial Company Hospital	Gen	NPAssn	23	15	..	6	616
Ione, 681—Pend Oreille							
Ione Hospital	Gen	Indiv	11	5	2	24	173
Medical Lake, 2,114—Spokane							
Eastern State Custodial School	MeDe	State	1,488	1,540	..	...	99

Key to symbols and abbreviations is on page 1083

WASHINGTON—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Monroe, 1,500—Snohomish							
Snohomish County Hospital and Farm	Inst	Gen County	62	49	7	46	478
Mt. Vernon, 4,278—Skagit							
Rowley General Hospital	Gen	Indiv	35	21	8	159	676
Seattle, 368,302—King							
Florence Crittenton Home	Mat	NPAssn	30	22	16	69	92
Freedlander's Sanitarium	Conv	Part	11	5	..	..	90
Junior League Convalescent Home	Conv	NPAssn	20	16	..	..	68
King County Hospital, Unit 2 (Georgetown Branch)	Inst Chr	County	287	247	..	..	866
Shadel Sanitarium	Alcoh	Corp	21	7	..	..	339
University of Washington Health Center	Inst	State	75	15	..	..	1,080
Spokane, 122,001—Spokane							
Florence Crittenton Home	Mat	NPAssn	14	1	14	25	31
Rivercrest Hospital	Iso	City	100	7	..	..	135
Steilacoom, 852—Pierce							
U. S. Penitentiary Hospital‡	Inst	Fed	85	69	..	..	714
Tacoma, 109,408—Pierce							
Washington Minor Hospital	Gen	NPAssn	14	9	..	..	1,204
White Shield Home	Mat	NPAssn	30	20	10	52	61
Tulalip, 108—Snohomish							
Tulalip Hospital	Gen	IA	9	8	3	73	248
Walla Walla, 18,109—Walla Walla							
Blue Mountain Sanatorium	TB	County	36	26	..	..	45
Washington State Penitentiary Hospital	Inst	State	60	52	..	..	256
White Salmon, 985—Klickitat							
Klickitat General Hospital	Gen	Indiv	12	8	4	78	211
Yakima, 27,273—Yakima							
Doppa Sanatorium	TB	Indiv	32	30	..	..	44

WEST VIRGINIA

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Beckley, 12,852—Raleigh							
Beckley Hospital♣	Gen	Part	100	126	10	128	4,734
Pinecrest Sanitarium♣	TB	State	400	428	..	..	600
Raleigh General Hospital♣◇	Gen	Corp	69	52	7	56	1,727
Bluefield, 20,641—Mercer							
Bluefield Sanitarium♣	Gen	Corp	110	84	10	102	4,117
Brown's Hospital	Gen	Indiv	43	15	3	18	857
Providence Hospital	Gen	Indiv	25	11	3	15	410
St. Luke's Hospital◇	Gen	Corp	75	50	8	84	2,008
Buckhannon, 4,450—Upshur							
St. Joseph's Hospital♣	Gen	Church	44	22	6	79	798
Charleston, 67,914—Kanawha							
Charleston General Hospital♣◇	Gen	NPAssn	240	220	30	466	8,917
Kanawha Valley Hosp.♣◇	Gen	Corp	130	102	12	191	3,182
McMillan Hospital♣◇	Gen	Corp	90	53	12	178	2,652
Mountain State Hospital♣◇	Gen	Corp	77	64	12	181	3,180
St. Francis Hospital♣◇	Gen	Church	100	71	15	301	2,820
Salvation Army Hospital	Gen	Church	28	13	4	110	629
Stuarts Hospital	Gen	Corp	50	30	3	48	1,374
Charles Town, 2,926—Jefferson							
Charles Town General Hosp.	Gen	NPAssn	25	12	6	73	441
Clarksburg, 30,579—Harrison							
St. Mary's Hospital♣◇	Gen	Church	141	86	12	222	3,139
Union Protestant Hosp.♣◇	Gen	NPAssn	52	40	10	213	1,709
Denmar, —Pocahontas							
Denmar Sanatorium	TB	State	100	105	..	..	134
East Rainelle, 1,515—Greenbrier							
East Rainelle General Hosp.	Gen	Corp	35	11	4	26	430
Elkins, 8,135—Randolph							
Davis Memorial Hospital♣◇	Gen	NPAssn	108	57	11	56	2,341
Elkins City Hospital♣	Gen	Corp	66	25	6	48	938
Fairmont, 23,105—Marion							
Fairmont Emergency Hospital♣◇	Gen	State	68	47	5	63	1,177
Fairmont General Hosp.♣◇	Gen	NPAssn	110	89	10	266	3,229
Glen Dale, 1,348—Marshall							
Reynolds Memorial Hosp.♣◇	Gen	Church	80	27	10	178	971
Hinton, 5,815—Summers							
Hinton Hospital♣	Gen	Corp	67	34	6	34	1,367
Holden, 4,000—Logan							
Holden Hospital	Gen	Corp	24	13	1	9	600
Hopemont, 300—Preston							
Conley Hospital	Unit of Hopemont Sanitarium						
Hopemont Sanitarium♣♣	TB	State	495	465	..	..	420
Huntington, 78,836—Cabell							
Chesapeake and Ohio Hospital♣	Gen	NPAssn	110	102	20	58	2,807
Huntington Memorial Hospital◇	Gen	NPAssn	122	80	22	211	2,997
Huntington Orthopedic Hospital	Orth	NPAssn	50	28	..	..	408
Moore-Beckner Eye, Ear and Throat Hospital	ENT	Part	5	2	..	..	423
St. Mary's Hospital♣◇	Gen	Church	200	132	30	951	4,946
Veterans Admin. Facility♣	Gen	Vet	317	259	..	..	2,557
Keyser, 6,177—Mineral							
Potomac Valley Hospital◇	Gen	Corp	50	36	8	108	1,122
Kingwood, 1,676—Preston							
Kercheval Memorial Clinic	Gen	Corp	10	8	4	32	800
Lakin, 50—Mason							
Lakin State Hospital	Ment	State	400	387	..	..	76
Logan, 5,166—Logan							
Logan General Hospital◇	Gen	Corp	100	45	8	93	2,308
Mercy Hospital	Gen	Corp	75	41	5	52	1,782
Marlinton, 1,644—Pocahontas							
Pocahontas Memorial Hosp.	Gen	County	35	12	4	51	411

WEST VIRGINIA—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Martinsburg, 15,083—Berkeley							
City Hospital	Gen	NPAssn	75	39	10	58	610
Kings Daughters Hosp.♣◇	Gen	NPAssn	70	45	8	142	1,404
Matewan, 995—Mingo							
Matewan Clinic Hospital	Gen	Corp	42	12	1	42	936
McKendree, 80—Fayette							
McKendree Emergency Hospital◇	Gen	State	60	...No data supplied			
Milton, 1,641—Cabell							
Morris Memorial Hospital for Crippled Children	Conv	NPAssn	75	50	..	..	148
Montgomery, 2,251—Fayette							
Laird Memorial Hospital♣◇	Gen	Corp	127	82	8	95	3,613
Morgantown, 16,655—Monongalia							
City Hospital◇	Gen	Indiv	85	52	12	180	2,202
Monongalia General Hosp.♣	Gen	County	100	54	15	181	1,670
Mullens, 3,826—Wyoming							
Wylie Hospital	Gen	Indiv	30	13	2	20	446
New Martinsville, 3,491—Wetzel							
Wetzel County Hospital	Gen	NPAssn	30	17	5	59	806
Oak Hill, 3,213—Fayette							
Oak Hill Hospital	Gen	Part	45	43	5	39	1,452
Parkersburg, 30,302—Wood							
Camden-Clark Memorial Hospital♣◇	Gen	City	165	70	18	376	2,888
St. Joseph's Hospital♣◇	Gen	Church	125	82	14	289	2,457
Parsons, 2,077—Tucker							
Tucker County Hospital	Gen	Indiv	12	9	5	62	371
Philippi, 1,855—Barbour							
Myers Clinic Hospital	Gen	Part	35	24	3	53	1,048
Princeton, 7,426—Mercer							
Mercer Memorial Hospital	Gen	Corp	30	22	6	51	1,115
Princeton Hospital	Gen	Indiv	22	11	2	15	508
Richwood, 3,651—Nicholas							
McClung Hospital	Gen	Indiv	50	12	6	32	407
Sacred Heart Hospital	Gen	Church	34	14	6	34	710
Ronceverte, 2,065—Greenbrier							
Greenbrier Valley Hosp.♣◇	Gen	Corp	50	29	3	23	1,153
Sistersville, 2,702—Tyler							
Sistersville General Hospital	Gen	NPAssn	20	...No data supplied			
South Charleston, 10,277—Kanawha							
Dunn Hospital	Gen	Indiv	35	11	7	80	560
Spencer, 2,497—Roane							
De Pue Hospital	Gen	Indiv	20	10	6	18	515
Welch, 6,264—McDowell							
Grace Hospital♣	Gen	Corp	135	75	6	71	2,100
Stevens Clinic Hospital♣	Gen	Corp	130	90	6	142	5,473
Welch Emergency Hospital◇	Gen	State	86	52	4	48	3,698
Weston, 8,808—Lewis							
General Hospital	Gen	Indiv	44	19	4	38	884
Weston City Hospital	Gen	Corp	30	10	7	49	515
Wheeling, 61,659—Ohio							
Ohio Valley General Hospital♣◇	Gen	NPAssn	251	213	24	934	7,246
Wheeling Hospital♣◇	Gen	Church	220	100	30	500	3,516
Williamson, 8,393—Mingo							
Williamson Memorial Hosp.◇	Gen	Corp	100	65	5	135	3,000

Related Institutions

Berkeley Springs, 1,145—Morgan							
"The Pines" West Virginia Foundation for Crippled Children	Orth	NPAssn	40	13	..	..	25
Charleston, 67,914—Kanawha							
Hill Crest Sanatorium	TbChil	NPAssn	52	32	..	..	33
Huntington, 78,836—Cabell							
Huntington State Hospital	Ment	State	900	942	..	..	500
Moundsville, 14,108—Marshall							
Grand View Sanatorium	TB	County	26	24	..	..	16
West Virginia Penitentiary Hospital	Inst	State	72	56	..	..	496
St. Marys, 2,291—Pleasants							
West Virginia Training School	MeDe	State	85	80	..	..	7
Spencer, 2,497—Roane							
Spencer State Hospital	Ment	State	947	918	..	..	339
Triadelphia, 350—Ohio							
Ohio County Tuberculosis Sanatorium	TB	County	38	38	..	..	18
Weston, 8,808—Lewis							
Weston State Hospital	Ment	State	1,700	1,716	..	..	500
Wheeling, 61,659—Ohio							
Florence Crittenton Home	Mat	NPAssn	22	15	18	26	54

WISCONSIN

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Adams, 1,310—Adams							
Adams-Friendship Hospital	Gen	Corp	10	5	2	24	249
Algoma, 3,625—Kewaunee							
Algoma Hospital	Gen	NPAssn	10	5	4	41	205
Amery, 1,461—Polk							
Amery Hospital	Gen	Indiv	16	8	5	38	363
Antigo, 9,655—Langlade							
Langlade County Memorial Hospital	Gen	Church	50	37	10	157	1,321
Appleton, 28,436—Outagamie							
St. Elizabeth Hospital♣◇	Gen	Church	170	111	40	921	4,138
Arcadia, 1,830—Trempealeau							
St. Joseph's Hospital	Gen	Church	18	10	5	41	260
Ashland, 11,101—Ashland							
Ashland General Hospital♣	Gen	NPAssn	67	45	8	151	1,228
St. Joseph's Hospital♣◇	Gen	Church	135	87	15	271	2,466
Baldwin, 918—St. Croix							
Baldwin Community Hosp.	Gen	NPAssn	15	10	6	95	364

Key to symbols and abbreviations is on page 1083

WISCONSIN—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Baraboo, 6,415—Sauk							
St. Mary's Ringling Hospital	Gen	Church	45	23	15	190	949
Beaver Dam, 10,356—Dodge							
Lutheran Deaconess Hospital	Gen	Church	43	25	8	164	1,018
St. Joseph's Hospital	Gen	Church	60	24	14	133	879
Beloit, 25,365—Rock							
Beloit Municipal Hospital▲	Gen	City	80	55	25	516	3,097
Berlin, 4,247—Green Lake							
Berlin Memorial Hospital	Gen	NPAssn	28	16	7	112	793
Black River Falls, 2,539—Jackson							
Krohn Clinic and Hospital	Gen	Part	28	23	10	252	776
Boscobel, 2,008—Grant							
Brookside-Parker Hospital	Gen	Part	22	4	3	40	187
Burlington, 4,414—Racine							
Burlington Memorial Hosp.▲	Gen	NPAssn	33	20	10	171	820
Chippewa Falls, 10,368—Chippewa							
St. Joseph's Hospital	Gen	Church	115	77	12	243	2,143
Columbus, 2,760—Columbia							
St. Mary's Hospital	Gen	Church	40	26	12	135	692
Cumberland, 1,539—Barron							
Cumberland Hospital	Gen	Part	22	6	4	60	325
Darlington, 2,002—Lafayette							
Drs. Quinn and McConnell Hospital	Gen	Part	8	5	5	38	249
Dodgeville, 2,269—Iowa							
Dodgeville General Hospital	Gen	NPAssn	22	17	5	88	665
St. Joseph's Hospital	Gen	Church	51	35	12	150	1,275
Eau Claire, 30,745—Eau Claire							
Luther Hospital●▲○	Gen	NPAssn	135	100	20	530	3,834
Mt. Washington Sanatorium	TB	County	91	91	..	...	80
Sacred Heart Hospital	Gen	Church	132	94	26	404	3,237
Edgerton, 3,266—Rock							
Edgerton Memorial Hospital	Gen	NPAssn	25	12	9	135	767
Elkhorn, 2,382—Walworth							
Walworth County Hospital	Gen	County	75	52	11	300	1,096
Fond du Lac, 27,209—Fond du Lac							
St. Agnes Hospital●▲○	Gen	Church	203	185	30	702	5,150
Fort Atkinson, 6,153—Jefferson							
Fort Atkinson General Hosp.	Gen	Indiv	12	...No data supplied			
Frederic, 725—Polk							
Frederic Hospital	Gen	Indiv	12	9	4	80	523
Grantsburg, 874—Burnett							
Community Hospital	Gen	Corp	21	15	4	72	574
Green Bay, 46,235—Brown							
Bellin Memorial Hospital▲○	Gen	Church	78	65	11	354	2,492
St. Mary's Hospital▲○	Gen	Church	100	58	22	569	3,256
St. Vincent's Hospital	Gen	Church	225	165	25	700	7,220
Hartford, 3,910—Washington							
St. Joseph's Hospital	Gen	Church	50	25	8	118	823
Hawthorne, 75—Douglas							
Middle River Sanatorium▲	TB	County	142	135	..	...	86
Hayward, 1,571—Sawyer							
Hayward Indian Hospital	Gen	IA	45	39	10	116	827
Hillsboro, 1,146—Vernon							
Hansberry Hospital	Gen	Indiv	25	15	5	42	467
Iola, 746—Waupaca							
Iola Hospital	Gen	Corp	20	10	5	25	280
Janesville, 22,992—Rock							
Mercy Hospital♦▲○	Gen	Church	122	78	22	406	2,266
Pinehurst Sanatorium▲	TB	County	80	75	..	...	73
Jefferson, 3,059—Jefferson							
Forest Lawn Sanatorium	TB	County	59	54	..	...	67
Kaukauna, 7,382—Outagamie							
Riverview Sanatorium▲	TB	County	65	58	..	...	105
Kenosha, 48,765—Kenosha							
Kenosha Hospital▲	Gen	NPAssn	150	62	30	423	2,300
St. Catherine's Hospital and Sanitarium▲	Gen	Church	47	35	21	416	1,427
Willowbrook Sanatorium▲	TB	County	58	43	..	...	41
Keshena, 500—Shawano							
St. Joseph's Indian Hospital	Gen	Church	65	33	7	124	845
La Crosse, 42,707—La Crosse							
Grandview Hospital▲	Gen	NPAssn	106	39	10	102	1,276
La Crosse Hospital	Gen	NPAssn	40	23	12	124	1,220
La Crosse Lutheran Hosp.♦▲	Gen	Church	120	83	9	174	2,674
St. Ann's Hospital	Mat	Church	30	20	20	703	744
St. Francis Hospital●▲○	Gen	Church	256	197	36	774	5,106
Ladysmith, 3,671—Rusk							
St. Mary's Hospital	Gen	Church	35	17	6	190	974
Lancaster, 2,963—Grant							
Doolittle-Glynn Hospital	Gen	Indiv	11	5	5	42	326
Lancaster General Hospital	Gen	Part	12	5	5	16	112
Laona, 1,500—Forest							
Ovitz Hospital	Gen	Indiv	15	8	5	52	300
Madison, 67,447—Dane							
Lake View Sanatorium▲	TB	County	150	144	..	...	121
Madison General Hospital●▲	Gen	NPAssn	178	128	25	654	5,633
Methodist Hospital●▲○	Gen	Church	110	46	14	112	2,174
Morningside Sanatorium	TB	NPAssn	55	48	..	...	56
Normandale	N&M	Corp	34	17	..	...	191
St. Mary's Hospital●▲○	Gen	Church	175	138	50	1,060	5,156
State of Wisconsin General Hospital●♦▲○	Gen	State	650	609	22	300	14,036
Wisconsin Orthopedic Hospital for Children	Unit of State of Wisconsin General Hosp.						
Wisconsin Psychiatric Institute	Unit of State of Wisconsin General Hosp.						
Manitowoc, 24,404—Manitowoc							
Holy Family Hospital▲○	Gen	Church	125	65	20	440	2,371
Marshfield, 10,359—Wood							
St. Joseph's Hospital●▲○	Gen	Church	180	110	18	360	3,309
Mauston, 2,621—Juneau							
Mauston Hospital	Gen	Corp	38	19	6	92	865
Medford, 2,361—Taylor							
Medford Clinic	Gen	Corp	38	22	6	85	853

WISCONSIN—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Mendota, 400—Dane							
Mendota State Hospital	Ment	State	860	736	..	...	1,201
Veterans Admin. Facility▲	Ment	Vet	295	295	..	...	62
Menomonie, 6,582—Dunn							
Menomonie City Hospital	Gen	City	25	19	7	112	743
Merrill, 8,711—Lincoln							
Holy Cross Hospital▲	Gen	Church	50	31	11	203	1,201
Lincoln County Hospital	Gen	County	27	22	4	52	281
Milwaukee, 587,472—Milwaukee							
Columbia Hospital●♦▲○	Gen	NPAssn	125	85	25	525	3,367
Evangelical Deaconess Hospital●▲○	Gen	Church	140	85	28	801	4,404
Johnston Emergency Hosp.▲	Emerg	City	25	18	4	5	5,303
Milwaukee Children's Hospital♦▲○	Chil	NPAssn	205	105	..	...	3,814
Milwaukee County Hospital, Dispensary-Emergency Unit	Unit of Milwaukee County Hospital, Wauwatosa						
Milwaukee Hospital●▲○	Gen	Church	224	226	48	1,024	7,408
Misericordia Hospital●▲○	Gen	Church	114	73	40	658	2,764
Mt. Sinai Hospital●▲○	Gen	NPAssn	160	123	30	878	5,570
Sacred Heart Sanitarium▲○	Gen	Church	300	156	..	...	2,042
St. Anthony Hospital	Gen	Church	50	34	16	480	2,075
St. Joseph's Hospital●♦▲○	Gen	Church	325	185	72	1,746	8,027
St. Joseph's Hospital Annex	Gen	Church	145	65	35	514	2,904
St. Luke's Hospital●▲	Gen	Church	100	79	30	875	4,030
St. Mary's Hill	N&M	Church	104	72	..	...	455
St. Mary's Hospital●♦▲○	Gen	Church	170	112	30	588	6,410
Shorewood Hospital-Sanit.	N&M	Corp	50	...No data supplied			
South View Hospital	Iso	City	250	57	..	...	758
Stark Hospital	Unit of Milwaukee Children's Hospital						
Veterans Admin. Facility▲	GenTb	Vet	1,193	1,024	..	...	5,305
West Side Hospital	Gen	NPAssn	28	7	7	56	513
Mondovi, 2,077—Buffalo							
Mondovi Clinic Hospital	Gen	Part	15	...	6	Estab.	1940
Monroe, 6,182—Green							
Evangelical Deaconess Hosp.	Gen	Church	35	15	15	83	408
St. Clare Hospital	Gen	Church	60	41	16	237	1,381
Neenah, 10,645—Winnebago							
Theda Clark Memorial Hospital▲	Gen	NPAssn	56	40	17	345	1,434
New London, 4,825—Waupaca							
Community Hospital	Gen	Church	50	27	13	197	851
Memorial Hospital	Gen	NPAssn	13	5	6	29	130
Oconomowoc, 4,562—Waukesha							
Rogers Memorial Sanitarium	N&M	NPAssn	54	40	..	...	102
Summit Hospital	Gen	Corp	35	26	6	60	425
Oconto Falls, 1,888—Oconto							
Oconto Falls Hospital	Gen	City	12	6	3	61	336
Onalaska, 1,742—La Crosse							
Oak Forest Sanatorium▲	TB	County	65	65	..	...	115
Osceola, 642—Polk							
Ladd Memorial Hospital	Gen	Part	12	5	2	28	261
Oshkosh, 39,089—Winnebago							
Mercy Hospital●▲○	Gen	Church	190	119	34	457	3,247
Park Falls, 3,252—Price							
Park Falls Hospital	Gen	Indiv	29	11	4	72	550
Pewaukee, 1,352—Waukesha							
Oak Sanatorium	TB	Counties	42	35	..	...	66
Platteville, 4,762—Grant							
Andrew Hospital	Gen	Indiv	20	6	4	14	251
Wilson Cunningham Hosp.	Gen	Part	25	7	5	52	196
Plum City, 368—Pierce							
Plum City Hospital	Gen	Indiv	15	9	5	67	292
Plymouth, 4,170—Sheboygan							
Plymouth Hospital	Gen	Church	36	17	8	125	604
Rocky Knoll Sanatorium▲	TB	County	92	85	..	...	57
Portage, 7,016—Columbia							
St. Savior's General Hosp.	Gen	Church	68	39	14	224	1,302
Prairie du Chien, 4,622—Crawford							
Beaumont Hospital	Gen	Indiv	21	11	4	62	387
Prairie du Chien Sanitarium-Hospital	Gen	NPAssn	50	28	8	88	1,275
Prescott, 857—Pierce							
St. Croixdale Sanitarium	GenN&M	Corp	50	34	4	14	125
Pureair (Bayfield P.O.), —Bayfield							
Pureair Sanatorium®	TB	Counties	68	62	..	...	77
Racine, 67,195—Racine							
St. Luke's Hospital▲○	Gen	Church	118	71	38	505	2,667
St. Mary's Hospital●▲	Gen	Church	180	100	33	621	4,863
Sunny Rest Sanatorium▲	TB	County	81	75	..	...	54
Reedsburg, 3,608—Sauk							
Reedsburg Municipal Hosp.	Gen	City	30	14	8	124	619
Rhinelander, 8,501—Oneida							
St. Mary's Hospital	Gen	Church	75	40	10	215	1,381
Rice Lake, 5,719—Barron							
Lakeside Methodist Hospital	Gen	Church	65	32	15	192	1,966
St. Joseph's Hospital	Gen	Church	40	27	8	110	1,194
Richland Center, 4,364—Richland							
Richland Hospital	Gen	NPAssn	62	35	12	150	1,775
Ripon, 4,566—Fond du Lac							
Ripon Municipal Hospital	Gen	City	18	15	6	102	525
River Falls, 2,806—Pierce							
City Hospital	Gen	City	25	9	8	94	326
St. Croix Falls, 1,007—Polk							
St. Croix Falls Hospital	Gen	Indiv	20	11	4	29	320
Shawano, 5,565—Shawano							
Shawano Municipal Hospital	Gen	CyCo	55	34	16	227	1,424
Sheboygan, 40,638—Sheboygan							
St. Nicholas Hospital	Gen	Church	131	134	18	623	3,501
Sheboygan Memorial Hosp.▲	Gen	NPAssn	86	62	18	364	2,106
Shullsburg, 1,197—Lafayette							
Dr. Ennis' Hospital	Gen	Indiv	11	3	3	14	141
South Milwaukee, 11,134—Milwaukee							
South Milwaukee Hospital	Gen	Indiv	13	6	4	82	372

Key to symbols and abbreviations is on page 1083

WISCONSIN—Continued

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Sparta, 5,820—Monroe							
St. Mary's Hospital	Gen	Church	75	45	13	270	1,443
Stanley, 2,021—Chippewa							
Victory Hospital	Gen	NPAssn	21	10	4	61	725
Statesan, 121—Waukesha							
Wisconsin State Sanat.◇♣	TB	State	246	176	..	...	141
Stevens Point, 15,777—Portage							
River Pines Sanatorium♣	TB	Church	62	62	..	...	150
St. Michael's Hospital♣	Gen	Church	75	60	15	221	2,054
Stoughton, 4,743—Dane							
Stoughton Community Hosp.	Gen	NPAssn	24	15	10	131	655
Sturgeon Bay, 5,439—Door							
Eglestad Memorial Hospital	Gen	Indiv	28	12	6	92	724
Leasum Hospital	Gen	Indiv	15	...No data supplied			
Superior, 35,136—Douglas							
St. Francis Hospital	Gen	Church	50	36	10	153	916
St. Joseph's Hospital	Gen	Church	55	21	14	205	774
St. Mary's Hospital♣♣	Gen	Church	142	60	28	295	1,925
Tomah, 3,817—Monroe							
Tomah Indian Hospital	Gen	IA	42	35	6	59	451
Tomahawk, 3,965—Lincoln							
Sacred Heart Hospital	Gen	Church	60	21	10	40	507
Two Rivers, 10,392—Manitowoc							
Two Rivers Municipal Hosp.	Gen	City	40	27	10	154	977
Washburn, 2,265—Bayfield							
Washburn Hospital	Gen	NPAssn	14	5	5	21	210
Watertown, 11,501—Jefferson							
St. Mary's Hospital	Gen	Church	75	48	17	308	1,621
Waukesha, 19,242—Waukesha							
Waukesha Memorial Hosp.	Gen	City	85	58	24	515	3,632
Waukesha Springs Sanit.	N&M	Corp	50	...	..	...	...
Waupaca, 3,458—Waupaca							
City Hospital	Gen	Part	12	8	2	29	312
Waupun, 6,788—Fond du Lac							
Central State Hospital for Insane	Ment	State	325	312	..	...	73
Wausau, 27,268—Marathon							
Dr. Lee M. Willard Memorial Preventorium	Unit of Mount View Sanatorium						
Mount View Sanatorium♣	TB	County	92	76	..	...	88
St. Mary's Hospital♣◇	Gen	Church	139	76	20	401	2,443
Wausau Memorial Hospital♣	Gen	NPAssn	95	60	22	364	2,318
Wauwatosa, 27,769—Milwaukee							
Blue Mound Preventorium	Unit of Muirdale Sanatorium						
Milwaukee County Asylum for Chronic Insane	Ment	County	1,680	1,659	..	...	200
Milwaukee County Hospital♣◇	Gen	County	1,650	576	75	1,315	17,312
Milwaukee County Hospital for Mental Disease◇	Ment	County	1,104	1,088	..	...	543
Milwaukee Sanitarium◇	N&M	Corp	147	139	..	...	300
Muirdale Sanatorium◇♣	TB	County	550	504	..	...	621
West Bend, 5,452—Washington							
St. Joseph's Hospital	Gen	Church	25	18	8	109	675
West De Pere, —Brown							
Hickory Grove Sanatorium	TB	County	100	93	..	...	66
Whitehall, 1,035—Trempealeau							
Whitehall Community Hosp.	Gen	XPAssn	26	20	5	87	675
Whitelaw, 269—Manitowoc							
Maple Crest Sanatorium♣	TB	County	54	48	..	...	101
Winnebago, 150—Winnebago							
Sunny View Sanatorium♣	TB	Counties	98	97	..	...	99
Winnebago State Hospital♣	Ment	State	839	759	..	...	868
Wisconsin Rapids, 11,416—Wood							
Riverview Hospital	Gen	NPAssn	35	33	12	353	1,508
Related Institutions							
Appleton, 28,436—Outagamie							
Outagamie County Asylum	Ment	County	260	252	..	...	36
Barron, 2,659—Barron							
Barron City Hospital	Gen	Indiv	15	6	4	22	213
Chippewa Falls, 10,368—Chippewa							
Chippewa County Chronic Insane Asylum	Ment	County	555	340	..	...	65
Northern Wisconsin Colony and Training School	MeDe	State	1,625	1,610	5	4	214
Clintonville, 4,134—Waupaca							
Clintonville Community Hospital	Gen	Indiv	12	7	6	44	191
Dodgeville, 2,269—Iowa							
Iowa County Insane Asylum	Ment	County	182	166	..	...	29
Eau Claire, 30,745—Eau Claire							
Eau Claire County Insane Asylum	Ment	County	252	246	..	...	25
Elkhorn, 2,382—Walworth							
Walworth County Asylum for the Insane	Ment	County	238	222	..	...	35
Fond du Lac, 27,809—Fond du Lac							
Fond du Lac County Insane Asylum	Ment	County	326	295	..	...	18
Green Bay, 46,235—Brown							
Brown County Insane Asylum	Ment	County	304	290	..	...	51
Wisconsin State Reformatory Hospital	Inst	State	10	3	..	...	174
Hazel Green, 582—Grant							
Filibach Hospital	Gen	Part	7	2	3	21	72
Itasca, 315—Douglas							
Douglas County Asylum, Home and Sanatorium	Ment	County	132	126	..	...	42
Janesville, 22,902—Rock							
Rock County Hospital	Ment	County	350	325	..	...	117
Jefferson, 3,649—Jefferson							
Jefferson County Asylum for Chronic Insane	Ment	County	230	214	..	...	50

WISCONSIN—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Juneau, 1,391—Dodge							
Dodge County Insane Asylum and Poor House	Ment	County	268	252	..	...	47
Kewaunee, 2,535—Kewaunee							
Dana and Dorkry Hospital	Gen	Part	10	2	4	29	149
Lake Tomahawk, 60—Oneida							
Lake Tomahawk State Camp	TB	State	48	47	..	...	43
Lancaster, 2,983—Grant							
Grant County Asylum	Ment	County	250	230	..	...	25
Madison, 67,447—Dane							
East Washington Avenue Hospital	Iso	City	55	5	..	...	117
Manitowoc, 24,404—Manitowoc							
Manitowoc County Insane Asylum	Ment	County	220	212	..	...	23
Marshfield, 10,539—Wood							
Wood County Asylum for Chronic Insane	Ment	County	241	232	..	...	24
Menomonie, 6,562—Dunn							
Dunn County Asylum	Ment	County	184	160	..	...	14
Milwaukee, 587,472—Milwaukee							
Layton Home	Incur	Church	35	35	..	...	8
Monroe, 6,182—Green							
Green County Asylum	Ment	County	222	213	..	...	37
Neillsville, 2,562—Clark							
Neillsville Hospital	Gen	Indiv	18	8	4	38	223
New Richmond, 2,112—St. Croix							
St. Croix County Asylum for Chronic Insane	Ment	County	182	177	..	...	18
Oconto, 5,362—Oconto							
Oconto County and City Hospital	Gen	NPAssn	50	20	6	67	709
Oshkosh, 39,089—Winnebago							
Alexian Brothers Hospital	N&M	Church	83	70	..	...	57
Owen, 1,085—Clark							
Clark County Hospital	Ment	County	363	335	..	...	52
Oxford, 404—Marquette							
Oxford Hospital	Gen	Indiv	10	6	1	4	67
Peshtigo, 1,947—Marinette							
Marinette County Insane Asylum	Ment	County	260	240	..	...	48
Racine, 67,195—Racine							
Lincoln Memorial Hosp. for Communicable Diseases	Thlso	City	50	11	..	...	170
Racine County Asylum	Ment	County	325	321	..	...	51
Racine County Hospital	Gen	County	52	35	..	...	115
Reedsburg, 3,608—Sauk							
Sauk County Asylum	Ment	County	206	180	..	...	39
Richland Center, 4,364—Richland							
Richland County Asylum for Insane	Ment	County	154	147	..	...	16
Shawano, 5,565—Shawano							
Shawano County Insane Asylum	Ment	County	190	185	..	...	16
Sheboygan, 40,458—Sheboygan							
Sheboygan County Hospital for Chronic Insane	Ment	County	288	265	..	...	37
Sparta, 5,820—Monroe							
Monroe County Insane Asylum	Ment	County	175	168	..	...	53
Union Grove, 973—Racine							
Southern Wisconsin Colony and Training School	MeDe	State	834	747	..	...	107
Verona, 535—Dane							
Dane County Asylum for Chronic Insane	Ment	County	295	284	..	...	18
Viroqua, 3,549—Vernon							
Vernon County Asylum	Ment	County	151	135	..	...	36
Viroqua Hospital	Gen	Part	21	10	5	79	601
Watertown, 11,501—Jefferson							
Bethesda Lutheran Home for Feebleminded and Epileptics	MeDe	Church	375	375	..	...	31
Waukesha, 19,242—Waukesha							
Waukesha County Asylum for Chronic Insane	Ment	County	230	223	..	...	146
Waupaca, 3,458—Waupaca							
Waupaca Hospital and Clinic	Gen	Part	12	8	2	30	276
Waupun, 6,788—Fond du Lac							
Clark and Swartz Hospital	Gen	Part	8	5	4	33	158
Wisconsin State Prison Hospital	Inst	State	21	18	..	...	350
Wausau, 27,268—Marathon							
Marathon County Asylum for Chronic Insane	Ment	County	180	180	..	...	30
Marathon County Home and Hospital	Inst	County	50	50	..	...	163
Wauwatosa, 27,769—Milwaukee							
Milwaukee County Home for Dependent Children	Inst	County	80	38	..	...	1,401
St. Camillus Hospital	Incur	Church	65	60	..	...	185
Salvation Army Martha Washington Women's Home and Hospital	Mat	Church	76	46	14	125	132
West Bend, 5,452—Washington							
Washington County Asylum for Chronic Insane	Ment	County	154	149	..	...	8
West Salem, 1,254—La Crosse							
La Crosse County Asylum for Insane	Ment	County	285	269	..	...	31
Weyauwega, 1,178—Waupaca							
Waupaca County Insane Asylum	Ment	County	196	192	..	...	23

Key to symbols and abbreviations is on page 1083

WISCONSIN—Continued

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Whitehall, 1,035—Trempealeau							
Trempealeau County Asylum	Ment	County	150	...	..	...	...
Winnebago, 150—Winnebago							
Winnebago County Asylum.	Ment	County	262	256	..	...	26
Wyocena, 706—Columbia							
Columbia County Asylum...	Ment	County	290	263	..	...	44

WYOMING

Hospitals and Sanatoriums	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Basin, 1,099—Big Horn							
Wyoming Tuberculosis Sanatorium▲	TB	State	33	27	..	...	52
Casper, 17,964—Natrona							
Memorial Hospital of Natrona County▲	Gen	County	140	56	24	411	2,440
Cheyenne, 22,474—Laramie							
Memorial Hospital of Laramie County▲	Gen	County	133	58	20	441	2,700
Veterans Admin. Facility▲..	Gen	Vet	151	100	..	...	867
Cody, 2,536—Park							
Cody Hospital	Gen	NPAssn	23	...	6	Estab.	1940
Douglas, 2,205—Converse							
Douglas Hospital	Gen	Indiv	19	9	4	34	360
Evanston, 3,605—Uinta							
Wyoming State Hospital▲..	Ment	State	655	600	..	...	140
Fort Warren, 22—Laramie							
Station Hospital▲	Gen	Army	240	103	6	41	2,441
Fort Washakie, 150—Fremont							
Wind River Indian Hospital	Gen	IA	49	28	6	89	647
Gillette, 2,177—Campbell							
McHenry Hospital	Gen	Part	15	6	6	27	227
Jackson, 1,046—Teton							
St. John's Hospital	Gen	Church	25	8	5	65	412
Kemmerer, 2,026—Lincoln							
Lincoln County Miner's Hospital	Gen	NPAssn	30	15	5	89	536
Lander, 2,594—Fremont							
Bishop Randall Hospital....	Gen	Church	20	13	6	59	522
Laramie, 10,627—Albany							
Ivinson Memorial Hospital.	Gen	County	71	39	14	276	2,553
Lovell, 2,175—Big Horn							
Lovell Hospital	Gen	Part	20	10	6	189	379
Powell, 1,948—Park							
Whitlock Hospital	Gen	Corp	30	...No data supplied			
Rock Springs, 9,827—Sweetwater							
Wyoming General Hospital◇	Gen	State	100	60	12	328	2,317
Sheridan, 10,529—Sheridan							
Sheridan County Memorial Hospital◇	Gen	County	68	50	11	272	1,329
Veterans Admin. Facility▲..	Ment	Vet	506	540	..	...	276
Wheatland, 2,110—Platte							
Wheatland General Hosp.▲..	Gen	NPAssn	41	17	7	97	855
Worland, 2,710—Washakie							
Worland Hospital	Gen	Corp	18	11	8	130	626

Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Basin, 1,099—Big Horn							
Basin Hospital	Gen	Part	10	4	2	51	116
Evanston, 3,605—Uinta							
Jacoby Hospital	Gen	Indiv	10	2	3	7	127
Greybull, 1,828—Big Horn							
St. Luke's Hospital	Gen	Part	10	4	3	39	147
Hanna, 1,127—Carbon							
Hanna Hospital	Gen	NPAssn	12	5	3	38	244
Lander, 2,594—Fremont							
Wyoming State Training School	MeDe	State	390	382	..	...	36
Sheridan, 10,529—Sheridan							
Reynolds Home	Gen	Indiv	9	4	6	100	197
Thermopolis, 2,422—Hot Springs							
Hilltop Hospital	Gen	Part	20	6	6	44	388
Yellowstone Park, 200—Yellowstone National Park							
Yellowstone Park Hospital..	Gen	Indiv	33	14	3	3	236

ALASKA

Hospitals, Sanatoriums and Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Anchorage, 2,277							
Alaska Railroad Base Hosp.	Gen	Fed	30	19	5	29	3,348
Providence Hospital	Gen	Church	65	28	10	90	1,059
Bethel, 278							
Indian Service Hospital	Gen	IA	40	...	6	Estab.	1940
Cordova, 980							
Cordova General Hospital..	Gen	Indiv	10	7	3	20	160
Fairbanks, 2,101							
St. Joseph's Hospital	Gen	Church	50	...	6	...	...
Fort Yukon, 304							
Hudson Stuck Memorial Hospital▲	Gen	Church	40	...	2	...	...
Haines, 344							
Station Hospital	Gen	Army	15	7	1	3	141
Juneau, 4,043							
St. Ann's Hospital	Gen	Church	54	28	9	119	852
U. S. Hospital for Natives..	GenTb	IA	53	44	8	35	291
Kanakanak, 177							
Kanakanak Native Hospital	Gen	IA	18	22	1	27	263
Ketchikan, 3,796							
Ketchikan General Hospital.	Gen	Church	65	38	10	110	1,233
Kodiak, 442							
Griffin Memorial Hospital...	Gen	Ter	20	...	5	Estab.	1940
Kotzebue, 291							
Kotzebue Hospital	Gen	IA	16	...	1	...	...

ALASKA—Continued

Hospitals, Sanatoriums and Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Mountain Village, 76							
Moutain Village Hospital...	Gen	IA	19	13	2	9	96
Nome, 1,213							
Maynard-Columbus Hospital	Gen	Church	20	7	2	17	172
Palmer							
Matanuska Valley Hospital.	Gen	Corp	26	14	4	40	350
Petersburg, 1,252							
Petersburg General Hospital	Gen	City	9	5	4	26	208
St. Paul Island (Unalaska P.O.), 212							
St. Paul Island Hospital....	Gen	Fed	10	4	2	15	100
Seward, 835							
Seward General Hospital....	Gen	Church	30	14	4	36	490
Sitka, 1,056							
Pioneers' Home Hospital....	Inst	Ter	45	...	..	...	...
Skagway, 492							
White Pass Hospital	Gen	NPAssn	8	3	2	15	106
Tanana, 185							
Tanana Hospital	Gen	IA	30	...	4	...	...
Wrangell, 948							
Bishop Rowe General Hosp..	Gen	Church	14	...	3	...	...

CANAL ZONE

	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Ancon, 1,140							
Gorgas Hospital●▲	Gen	Fed	1,340	724	48	833	20,964
Balboa, 2,902							
Palo Seco Leper Colony....	Lepro	Fed	129	127	..	...	9
Station Hospital	Gen	Army	35	...	..	...	...
Corozal, 1,790							
Corozal Hospital	Ment	Fed	340	303	..	...	311
Station Hospital	Gen	Army	47	33	..	...	1,006
Cristobal, 599							
Colon Hospital	Gen	Fed	114	105	16	488	5,203
Fort Davis, 293							
Station Hospital	Gen	Army	60	52	..	...	2,548
Fort Randolph (Coco Solo P.O.), 724							
Station Hospital	Gen	Army	25	17	..	...	1,900
Fort Sherman, 786							
Station Hospital	Gen	Army	50	53	..	...	1,295

GUAM

	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Agana							
Susana Hospital for Natives of Guam	Unit of U. S. Naval Hospital						
U. S. Naval Hospital	Gen	Navy	171	...	10	...	...

HAWAII

	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Aiea, 3,021—Honolulu							
Honolulu Plantation Company's Hospital	Gen	NPAssn	44	...	4	50	...
Eleele, 312—Kauai							
McBryde Sugar Company's Hospital	Gen	NPAssn	29	...	5	47	...
Ewa, 4,739—Honolulu							
Ewa Plantation Company Hospital	Gen	NPAssn	46	24	6	127	1,011
Haina, —Hawaii							
Honokaa Sugar Company Hospital	Gen	NPAssn	28	...	4	28	...
Hakalau, 525—Hawaii							
Hakalau Plantation Hosp...	Gen	NPAssn	28	10	3	31	500
Hana, 293—Maui							
Hana County Hospital	Gen	County	36	20	4	110	...
Hanapepe, 1,088—Kauai							
Betsui Hospital	Gen	Indiv	10	4	2	36	312
Hilo, 19,468—Hawaii							
Hilo Memorial Hospital▲....	Gen	County	140	72	18	296	2,416
Dr. Z. Matayoshi Hospital..	Gen	Indiv	27	10	..	3	495
Puumaile Home	TB	County	165	151	..	...	114
Honokaa, 1,069—Hawaii							
Okada Hospital	Gen	Indiv	6	4	3	11	115
Honolulu, 137,582—Honolulu							
Japanese Hospital	Gen	NPAssn	150	91	8	165	3,302
Kalihi Hospital	Lepro	Ter	44	...	..	...	...
Kapiolani Maternity and Gynecological Hospital....	GynMat	NPAssn	49	32	30	1,158	1,737
Kauikeolani Children's Hosp.	Chil	NPAssn	75	52	..	...	2,701
Leahi Home▲	TB	NPAssn	500	429	..	5	276
Queen's Hospital●◆▲◇	Gen	NPAssn	284	225	30	1,196	10,301
St. Francis Hospital◇	Gen	Church	65	51	10	375	2,571
Shriners Hospital for Crippled Children▲	Orth	NPAssn	28	28	..	...	86
Tripler General Hospital▲...	Gen	Army	407	279	10	105	4,242
Hoolehua, —Maui							
Robert W. Shingle Jr. Memorial Hospital	Gen	Church	19	10	5	60	503
Kahuku, 1,505—Honolulu							
Kahuku Hospital▲	Gen	NPAssn	30	17	6	110	829
Kalaupapa, —Kalawao							
Kalaupapa Settlement	Lepro	Ter	400	352	2	8	37
Kaneohe (Heeia P.O.), 112—Honolulu							
Territorial Hospital	Ment	Ter	926	901	..	...	289
Kealakekua, 350—Hawaii							
Kona Hospital	Gen	County	50	30	6	59	440
Kealia, 100—Kauai							
Samuel Mahelona Memorial Hospital	TB	County	115	108	..	...	55
Kilauea, 1,232—Kauai							
Kilauea Hospital	Gen	NPAssn	17	9	5	39	486
Kohala, 720—Hawaii							
Kohala County Hospital....	Gen	County	50	20	6	122	701

Key to symbols and abbreviations is on page 1083

HAWAII—Continued

Hospitals, Sanatoriums and Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Koloa, 1,844—Kauai							
Koloa Sugar Company Hospital	Gen	NPAssn	22	8	3	45	347
Kula (Waiakoa P.O.), 25—Maui							
Kula General Hospital	Gen	County	21	12	3	32	362
Kula Sanatorium	TB	County	185	180	..	...	80
Lahaina, 2,730—Maui							
Pioneer Mill Company's Hospital	Gen	NPAssn	65	41	9	178	1,317
Lanai City, —Maui							
Lanai City Hospital	Gen	NPAssn	22	14	5	82	780
Lihue, 2,399—Kauai							
G. N. Wilcox Memorial Hospital▲	Gen	NPAssn	94	35	11	195	1,763
Makaweli, 974—Kauai							
Hawaiian Sugar Company's Hospital	Gen	NPAssn	43	11	3	115	1,056
Maunaloa, —Maui							
Maunaloa Hospital	Gen	NPAssn	19	5	5	28	350
Olaa, 597—Hawaii							
Olaa Hospital	Gen	NPAssn	37	25	6	110	988
Ookala, 528—Hawaii							
Ookala Hospital	Gen	NPAssn	10	...	4	25	...
Paauhau, 536—Hawaii							
Paauhau Sugar Company Hospital	Gen	NPAssn	18	...	2	26	...
Paauilo, 1,233—Hawaii							
Hamakua Mill Company Hospital	Gen	NPAssn	12	...	2	24	...
Pahala, 290—Hawaii							
Hawaiian Agricultural Company Hospital▲	Gen	NPAssn	39	19	6	110	698
Paia, 4,171—Maui							
Maui Agricultural Company's Paia Hospital	Gen	NPAssn	102	...	10	194	...
Papaaloa, 73—Hawaii							
Laupahoehoe Sugar Company Hospital	Gen	NPAssn	18	7	4	22	263
Papaikou, 518—Hawaii							
Papaikou Hospital	Gen	Indiv	18	12	1	22	432
Pearl City, 1,071—Honolulu							
Waimano Home for Feebleminded Persons	MeDe	Ter	368	364	..	...	31
Pearl Harbor, 200—Honolulu							
U. S. Naval Hospital	Gen	Navy	178	140	..	...	3,580
Pepeekeo, 520—Hawaii							
Pepeekeo Hospital	Gen	NPAssn	41	12	4	121	878
Puunene, 4,080—Maui							
Puunene Hospital	Gen	NPAssn	100	73	24	284	3,028
Schofield Barracks, 4,250—Honolulu							
Station Hospital▲	Gen	Army	530	305	13	160	6,271
Wahiawa, 3,370—Honolulu							
Mack Hospital	Gen	Indiv	9	2	2	19	77
Waialua, 4,511—Honolulu							
Waialua Agricultural Company, Ltd. Hospital	Gen	NPAssn	40	20	6	143	762
Wailuku, 6,998—Maui							
Malulani Hospital	Gen	County	97	62	10	286	2,172
Yamashiro Hospital	Gen	Indiv	20	...	1	...	...
Waimea, 2,091—Kauai							
Waimea Hospital	Gen	NPAssn	36	32	6	109	984
Waipahu, 5,874—Honolulu							
Oahu Sugar Company Hosp.	Gen	NPAssn	65	50	10	98	1,445
Tamura Hospital	Gen	Indiv	7	4	3	48	174

PHILIPPINES

Hospitals, Sanatoriums and Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Angeles, 30,543—Pampanga							
Angeles Hospital	Gen	Indiv	24	1	2	39	341
Bacolod, 19,350—Occidental Negros							
Occidental Negros Provincial Hospital	Gen	Gov't	100	...	6	...	...
Provincial Maternity and Children's Hospital	MatCh	Gov't	62	...	18	...	...
Baguio, 5,464—Benguet							
Baguio Hospital◇	Gen	Gov't	80	117	8	155	3,633
Hospital Notre Dame de Lourdes	Gen	Church	100	34	10	58	846
Mercy Hospital	Gen	Indiv	12	9	4	15	306
St. Francis Hospital	Gen	Corp	25	3	2	25	500
Station Hospital	Gen	Army	50	...	..	...	...
Batangas, 41,182—Batangas							
Batangas Provincial Hosp.	Gen	Gov't	27	25	3	41	818
Bayombong, 5,585—Nueva Vizcaya							
Bayombong Hospital	Gen	Gov't	27	20	1	11	851
Binalbagan, 8,802—Occidental Negros							
Rizal Memorial Hospital	Gen	NPAssn	15	...	2	...	...
Bontoc, 600—Mountain							
Bontoc Hospital	Gen	Gov't	60	37	3	41	1,347
Butuan, 9,790—Agusan							
Butuan Public Hospital	Gen	Gov't	34	34	..	34	2,164
Cabanatuan, 15,282—Nueva Ecija							
Nueva Ecija Provincial Hospital	Gen	Gov't	75	...	6	...	...
Cagayan, 28,164—Misamis Oriental							
Cagayan Mission Hospital	Gen	Church	50	...	5	...	...
Misamis Oriental Provincial Hospital	Gen	Gov't	25	27	1	42	1,503
Calivo, 13,985—Capiz							
Capiz Provincial Hospital	Gen	Gov't	30	...	5	...	...
Canlubang, —Laguna							
Calamba Sugar Estate Hosp.	Gen	NPAssn	39	...	..	...	...
Capiz, 21,986—Capiz							
Emmanuel Hospital◇	Gen	Church	80	62	5	62	2,379

PHILIPPINES—Continued

Hospitals, Sanatoriums and Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
Cavite, 22,163—Cavite							
Cosca Hospital	Gen	Part	12	4	9	105	143
U. S. Naval Hospital	Gen	Navy	209	168	5	37	2,095
Cebu, 65,300—Cebu							
Cebu General Clinic	Gen	Part	22	...	2	...	...
Cebu Maternity House	Mat	NPAssn	33	24	26	1,395	1,481
Chong Hoa Chinese Hosp.	Gen	NPAssn	20	...	..	...	...
Clinica Medico-Quirurgica	Gen	Indiv	20	...	..	...	...
St. Joseph's Hospital	Gen	NPAssn	24	...	6	...	...
Southern Islands Hospital◇	Gen	Gov't	136	138	7	131	5,763
Cervantes, 2,513—Ilocos Sur							
Cervantes Hospital	Gen	Gov't	30	...	2	...	...
Corregidor, —Cavite							
Station Hospital	Gen	Army	178	70	6	114	2,190
Cotabato, 410—Cotabato							
Cotabato Public Hospital	Gen	Gov't	40	...	2	...	...
Culion, —Palawan							
Culion Leper Colony	GenLepro	Gov't	618	...	16	...	...
Emergency Hospital No. 1	Unit of Culion Leper Colony Hospitals						
Cuyo, 14,708—Palawan							
Cuyo Public Hospital	Gen	Gov't	20	...	3	...	...
Dagupan, 22,612—Pangasinan							
Pangasinan Provincial Hospital◇	Gen	Gov't	75	...	8	...	...
Dahican, —Camarines Norte							
Dahican Hospital	Gen	NPAssn	34	31	1	14	1,221
Dansalan, 5,988—Lanao							
Lanao Public Hospital	Gen	Gov't	50	...	..	...	...
Dapitan, 12,865—Zamboanga							
Rizal Memorial Hospital	Gen	Gov't	30	16	3	103	906
Daraga, —Albay							
Albay Provincial Hospital	Gen	Gov't	35	...	2	...	...
Davao, 13,046—Davao							
Davao Mission Hospital	Gen	Church	40	...	1	...	...
Davao Oriental Hospital	Gen	NPAssn	35	23	..	16	1,326
Davao Public Hospital	Gen	Gov't	60	...	6	...	...
Mintal Hospital	Gen	Corp	75	...	10	...	...
Del Carmen,—Pampanga							
Del Carmen Hospital	Gen	NPAssn	32	26	6	50	1,406
Dumaguete, 16,227—Oriental Negros							
Dumaguete Mission Hospital	Gen	Church	75	38	3	79	1,692
Fabrica, —Occidental Negros							
Ilco Hospital	Gen	NPAssn	50	41	..	58	1,374
Fort Stotsenburg,—Pampanga							
Station Hospital	Gen	Army	112	57	6	209	2,156
Iloilo, 49,114—Iloilo							
Iloilo Mission Hospital◇	Gen	Church	100	71	12	112	2,302
Iloilo Polyclinic and Hosp.	Gen	Indiv	25	...	6	...	...
St. Paul's Mission Hospital	Gen	Church	100	...	..	...	...
Jolo, 5,796—Sulu							
Sulu Public Hospital	Gen	Gov't	46	...	10	...	...
Kabasalan, —Zamboanga							
Pathfinder Estate Hospital	Gen	NPAssn	10	...	..	...	...
Kiangan, 276—Ifugao							
Kiangan Hospital	Gen	Gov't	15	...	1	...	...
Kolambugan, 1,260—Lanao							
Kolambugan Hospital	Gen	NPAssn	30	...	2	...	...
Laoag, 38,469—Ilocos Norte							
Sallie Long Read Memorial Hospital	Gen	Church	40	...	2	...	...
San Antonio Hospital	Gen	Indiv	18	...	1	...	...
Larap, —Camarines Norte							
Philippine Iron Mine Hosp.	Gen	NPAssn	83	43	4	21	2,356
Legaspi, 52,756—Albay							
Bicol Treatment Station	Lepro	Gov't	250	...	..	...	...
Milwaukee Hospital	Gen	Church	52	35	6	39	1,601
Los Banos, 6,335—Laguna							
University of the Philippines Los Banos Infirmary	Gen	Gov't	25	...	2	...	...
Lubuagan, 226—Kalinga							
Lubuagan Public Hospital	Gen	Gov't	10	11	2	11	520
Lucena, 11,939—Tayabas							
Tayabas Provincial Hospital	Gen	Gov't	80	58	3	63	2,047
Makati, 12,470—Rizal							
Hospital Espanol de Santiago	Gen	NPAssn	75	...	17	...	...
Malaybalay, 9,868—Bukidnon							
Bukidnon Public Hospital	Gen	Gov't	16	...	1	...	...
Malolos, 26,444—Bulacan							
Bulacan Provincial Hosp.	Gen	Gov't	45	43	6	72	1,422
Manapla, —Occidental Negros							
North Negros Sugar Company Hospital	Gen	NPAssn	63	37	4	54	2,442
Mandaluyong, 6,235—Rizal							
National Psychopathic Hosp.	Ment	Gov't	2,975	2,801	..	...	1,997
Mandaue, 21,464—Cebu							
Eversley Childs Treatment Station	Lepro	Gov't	780	1,089	..	4	262
Manila, 285,306—Rizal							
Bilibid Hospital	Gen	Gov't	300	...	6	...	...
Chinese General Hospital◇	Gen	NPAssn	150	...	18	...	...
Hospital de San Juan de Dios◇	Gen	Church	272	...	36	...	...
Mary Chiles Hospital	Gen	NPAssn	70	...	12	...	...
Mary Johnson Hospital◇	Gen	Church	81	71	29	708	1,064
Maternity and Children's Hospital	MatCh	Gov't	72	72	45	3,894	8,923
Philippine General Hosp.*◇	Gen	Gov't	714	...No data supplied			
Sacred Heart Hospital	Gen	Indiv	30	...	20	...	...
St. Joseph's Hospital	Gen	Corp	75	42	15	285	2,480
St. Luke's Hospital◇	Gen	Church	150	116	10	298	3,734
St. Paul's Hospital◇	Gen	Church	106	71	14	364	2,680
St. Theresita's Hospital	Gen	Indiv	65	...	10	...	...
Sampaloc General Hospital	Gen	Indiv	30	10	10	98	315

Key to symbols and abbreviations is on page 1083

PHILIPPINES—Continued

Hospitals, Sanatoriums and Related Institutions	Type of Service	Ownership or Control	Beds	Average Census †	Bassinets	Number of Births	Admissions †
San Lazaro Hospital	Venlso	Gov't	1,543	1,683	..	....	13,398
Sternberg General Hospital	Gen	Army	317	242	8	184	4,200
Margosatubig, —Zamboanga							
Margosatubig Emergency Hospital	Gen	Gov't	18	....	..	....	....
Mati, 6,440—Davao							
Mati Emergency Hospital	Gen	Gov't	6	....	..	....	....
Naga, 9,256—Camarines Sur							
Camarines Sur Provincial Hospital	Gen	Gov't	22	....	..	....	....
Hospital Virgen Milagrosa	Gen	Indiv	50	....	10	....	....
Olongapo—Zambales							
Camilla Simpson Hospital	Gen	City	16	4	6	28	190
Paracale, 6,378—Camarines Norte							
Marsman General Hospital	Gen	NPAssn	60	....	2	....	....
Pasay, 18,825—Rizal							
Harrison Hospital	Gen	Indiv	30	....	5	....	....
Manila Sanitarium and Hospital◇	Gen	Church	50	24	7	54	1,185
Mercy Hospital	Gen	Indiv	25	5	5	49	307
Port Lamon, —Surigao							
Port Lamon Hospital	Gen	NPAssn	11	....	2	....	....
Puerto Princesa, 5,827—Palawan							
Puerto Princesa Hospital	Gen	Gov't	16	....	..	....	....
Quezon, 2,656—Tayabas							
Philippine Army General Hospital	Gen	Army	150	....	..	....	....
Quezon Institute	TB	NPAssn	600	611	..	....	1,275
Rio Guinobatan, —Masbate							
Masbate Consolidated Mining Company Hospital	Gen	NPAssn	24	4	2	8	116
Sagada, 167—Bontoc							
St. Theodore's Hospital	Gen	Church	50	25	5	16	1,112
San Fernando, 19,885—La Union							
Bethany Hospital	Gen	Church	40	26	4	72	1,294
Lorma Hospital	Gen	Indiv	22	12	6	46	817
Pampanga Provincial Hosp.	Gen	Gov't	44	40	6	214	1,437
San Jose, —Mindoro							
Plantation Hospital	Gen	NPAssn	50	2	..	16	439
San Jose de Buenavista, 29,319—Antique							
Antique Provincial Hospital	Gen	Gov't	16	15	..	28	....
San Juan del Monte, 6,618—Rizal							
Manila Heights Hospital	Gen	Indiv	100	....	..	....	....
San Miguel, 18,147—Bulacan							
Eladia Memorial Hospital	Gen	County	12	5	..	15	152
San Pablo, 31,214—Laguna							
San Pablo Hospital	Gen	City	20	....	..	....	....
San Roque, —Cavite							
San Ramon Hospital	Gen	Indiv	14	2	10	26	64
Santa Barbara, 30,913—Iloilo							
Western Visayas Treatment Station	Lepro	Gov't	250	....	..	....	....
Santa Cruz, 14,151—Laguna							
Laguna Provincial Hospital	Gen	Gov't	55	38	12	34	1,501
Silay, 23,055—Occidental Negros							
Silay Maternity and Children's Hospital	Gen	CyCo	23	7	6	79	650
Sorsogon, 17,049—Sorsogon							
Sorsogon Provincial Hosp.	Gen	Gov't	14	13	6	27	518
Tacloban, 15,478—Leyte							
Bethany Hospital	Gen	Church	40	18	3	11	845
Leyte Provincial Hospital	Gen	Gov't	40	....	5	....	....
Tagbilaran, 12,500—Bohol							
Bohol Provincial Hospital	Gen	Gov't	30	....	1	....	....
Presbyterian Mission Hosp.	Gen	Church	30	21	4	44	1,028
Tanlac, —Camarines Sur							
Cadwallader-Gibson Lumber Company Hospital	Indus	NPAssn	15	2	..	....	49
Tarlac, 29,986—Tarlac							
Tarlac Provincial Hospital	Gen	Gov't	35	....	6	....	....
Tayabas, 14,833—Tayabas							
Tayabas Maternity Hospital	Mat Ch	Gov't	12	....	4	....	....
Tuguegarao, 19,284—Cagayan							
Reyes Hospital and Clinic	Gen	Indiv	10	6	2	31	244
Vigan, 17,764—Ilocos Sur							
Ilocos Sur Provincial Hosp.	Gen	Gov't	30	....	4	....	....
Philippine Christian Institute Hospital	Gen	Church	30	....	5	....	....
Zamboanga, 30,708—Zamboanga							
Brent Hospital	Gen	Church	60	....	5	....	....
Station Hospital	Gen	Army	36	3	..	....	74
Zamboanga General Hosp.◇	Gen	Gov't	120	....	8	....	....

PUERTO RICO

Aguadilla, 10,952—Aguadilla							
Hospital Municipal	Gen	City	17	....	..	....	....
Anasco, 3,064—Aguadilla							
Municipal Hosp. of Anasco	Gen	City	16	....	3	....	....
Arecibo, 12,865—Arecibo							
Clinica Dr. Susoni	Gen	Indiv	125	....	10	....	....
Municipal Hospital	Gen	City	125	....	2	....	....
Barceloneta, 1,579—Arecibo							
Barceloneta Municipal Hosp.	Gen	City	35	....	..	....	....
Bayamon, 12,986—San Juan							
Bayamon Charity District Hospital◇▲	Gen	Gov't	279	....	35	....	....
Hospital Municipal de Bayamon	Gen	City	30	....	..	....	....
Cabo Rojo, 4,695—Mayaguez							
Hospital Municipal	Gen	City	25	....	..	....	....
Caguas, 19,791—Guayama							
Clinica San Rafael	Gen	Indiv	65	....	4	....	....
Cayey, 5,953—Guayama							
Clinica Dr. Villeneuve	Gen	Indiv	12	....	12	....	....
Central Aguirre, —Guayama							
Central Aguirre Hospital	Gen	NPAssn	37	19	2	14	529
Ciales, 1,780—Arecibo							
Hospital Municipal	Mat Ch	City	20	....	..	....	....
Fajardo, 7,222—Humacao							
Coomb's Hospital	Gen	NPAssn	50	4	1	3	1,029
Fajardo Charity District Hospital	Gen	Gov't	200	....	35	Estab. 1940	
Luis Manuel Cintron Hosp.	Gen	City	33	....	4	....	....
Guayama, 10,955—Guayama							
Guayama Tuberculosis Sanatorium	TB	Gov't	100	100	..	....	286
Gurabo, 3,468—Humacao							
Municipal Hospital	Gen	CyCo	14	....	2	....	....
Humacao, 7,957—Humacao							
Clinica Oriente	Gen	Part	34	14	3	11	634
Ryder Memorial Hospital	Gen	Church	54	39	8	55	1,028
Jayuya, 4,808—Ponce							
Catalina Figueras Memorial Hospital	Gen	City	14	9	..	23	222
Juana Diaz, 2,409—Ponce							
Municipal Hospital	Gen	City	40	35	6	77	1,150
Juncos, 4,297—Humacao							
Hospital Municipal	Gen	City	16	....	..	....	....
Lares, 3,049—Aguadilla							
Clinica San Jose	Gen	Indiv	8	....	2	....	....
Las Piedras, 1,325—Humacao							
Las Piedras Municipal Hosp.	Gen	City	16	....	..	....	....
Loiza, 1,606—Humacao							
Loiza Municipal Hospital	Gen	City	18	....	..	....	....
Manati, 7,449—Arecibo							
Hospital Municipal Manati	Gen	City	60	....	5	....	....
Mayaguez, 37,000—Mayaguez							
Clinica Betances	Gen	Indiv	70	31	6	23	547
Mayaguez and Western Polyclinic	Gen	Part	100	....	2	....	....
Tuberculosis Hospital	TB	Gov't	200	195	..	....	469
Naguabo, 4,087—Humacao							
Municipal Hospital	Gen	City	36	....	2	....	....
Ponce, 55,459—Ponce							
Asylum for the Blind	Inst	Gov't	100	90	..	....	227
Clinica Quirurgica Dr. Pila◇	Gen	NPAssn	152	96	10	62	2,800
Hospital Municipal Valentin Tricoche◇	Gen	City	197	....	12	....	....
St. Luke's Memorial Hosp.◇	Gen	Church	75	42	6	62	1,809
Santo Asilo de Damas Hospital◇	Gen	Church	90	....	..	....	....
Tuberculosis Hospital and Center	TB	Gov't	312	....	..	....	....
Rio Piedras, 13,498—San Juan							
Clinica Dr. M. Julia	N&M	Indiv	150	125	..	....	188
Insular Tuberculosis Sanat.	TB	Gov't	846	871	..	18	1,182
Insular Leper Colony	Lepro	Gov't	80	50	..	....	57
Psychiatric Hosp. of Puerto Rico	Ment	Gov't	1,000	....	..	....	....
Sanatorio de la Sociedad Espanola de Auxilio Mutuo y Beneficiencia de Puerto Rico	Gen	NPAssn	120	75	25	98	1,591
Salinas, 2,253—Guayama							
Hospital Municipal	Gen	City	40	40	6	125	1,044
San Juan, 114,715—San Juan							
Capital City Hospitals◇	Gen	City	304	....	60	....	....
Clinica Diaz Garcia◇	Gen	Corp	81	....	6	....	....
Clinica Miramar	Gen	Indiv	100	....	5	....	....
Contagious Disease Hospital	Iso	Gov't	50	....	..	....	....
Hospital San Jose	Gen	Corp	132	....	14	....	....
Instituto Medico Quirurgico	Gen	NPAssn	25	....	6	....	....
Ophthalmic Institute of Puerto Rico	Eye	Corp	50	41	..	....	1,841
Presbyterian Hospital◇▲◇	Gen	Church	120	112	22	510	2,691
Puerto Rico Sanatorium	Gen	Indiv	16	....	16	....	....
Station Hospital	Gen	Army	150	....	2	....	....
University Hosp. of the School of Tropical Medicine▲	Gen	Gov't	50	Reopened March 1940			
Santurce, —San Juan							
Hospital Mimoso	Gen	Indiv	100	43	15	43	742
Utuado, 4,758—Arecibo							
Clinica San Miguel	Gen	Indiv	80	....	3	....	....
Vega Baja, 4,784—Arecibo							
Dr. J. M. Arana's Hospital	Gen	Indiv	15	....	2	....	....
Vega Baja Municipal Hosp.	Gen	City	25	....	6	....	....
Vieques, 3,101—Humacao							
Municipal Hospital	Gen	CyCo	40	....	10	....	....
Yabucoa, 3,841—Humacao							
Yabucoa City Hospital	Gen	City	24	....	2	....	....
Yauco, 8,697—Mayaguez							
Clinica "El Amparo"	Gen	Indiv	22	....	1	....	....
Yauco Hospital	Gen	City	30	....	..	....	....

VIRGIN ISLANDS

Charlotte Amalie, 7,036—St. Thomas Island							
Municipal Hospital	Gen	CyCo	100	55	12	140	903
Christiansted, 3,767—St. Croix Island							
Christiansted Municipal Hospital	Gen	City	64	....	8	....	....
Richmond Hospital	Ment	City	50	....	..	....	....
St. Croix Hospital for Leprosy	Lepro	City	92	....	..	....	....
Frederiksted, 2,698—St. Croix Island							
Frederiksted Municipal Hospital	Gen	City	43	....	11	....	....

Key to symbols and abbreviations is on page 1083

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

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SATURDAY, MARCH 15, 1941

INTERNS—SUPPLY AND DEMAND

At present, probably more than ever previously, a need for clear thinking on the subject of the supply of interns in relation to the demand by hospitals for their services is desirable. Some hospitals have been unable to secure any interns and others have not secured their usual number. The demand exceeds the supply. The size of senior classes in approved medical schools has remained almost constant since 1934, while the number of appointments available each year in approved hospitals has steadily increased. Although statistics are not yet available, the number of graduates of European schools seeking internships in this country has diminished greatly within the past year. While the number of interns recruited from this source has never been large, the recent decrease has served to accentuate the disproportion between supply and demand.

The approved medical schools with their present facilities cannot increase the size of their classes without sacrificing accepted educational standards. Furthermore, the function of medical schools is to educate physicians to supply the medical needs of the country, not merely to develop young physicians to meet the demand of hospitals for low cost house staff personnel. Until approved medical schools are able to train more students (assuming that more applicants could qualify for admission) the supply of prospective interns will not increase.

Even the present flow of graduates from approved schools into internships may be reduced by the selective service act. The crucial needs of the preparation for national defense, especially the necessity of expanding the Army and Navy Medical Corps, will no doubt reduce still further the number of graduates available for hospital service beyond the first year of intern training. This will affect hospitals which have internships more than one year in length as well as those which have extended training services in the form of residencies.

No doubt graduates will continue to prefer appointments in hospitals that provide the best training for internships and residencies. These are the hospitals in which attending staffs are not only unusual in ability but, even more important, most willing to give their time to the instruction of the house staff. There will probably also be a continued preference for hospitals with large charity wards, especially those with long established educational services.

With these considerations clearly before them, the boards of hospitals which have experienced difficulty in attracting the usual number of interns and residents may examine their problem and prepare to make the necessary adjustments. Physicians in many localities have taken for granted the provision, by the administration of hospitals, of medically trained personnel capable of relieving the physicians of certain time-consuming procedures necessary to the care of patients. The attending physicians should realize two principles of basic importance in this connection: First, interns and residents are employed on an apprenticeship basis whereby the compensation for their services is mainly the instruction they receive from the attending staff. Second, the duties performed by house staff personnel are properly the responsibility of the individual attending physicians, not that of the hospital administration. In the absence of sufficient house staff assistance, the attending men may well find it necessary to perform these tasks for some or even all of their patients.

USE AND MISUSE OF HOSPITAL STATISTICS

A greater percentage of the hospital facilities of the United States were occupied during 1940 than for any other year for which records are available. The proportion of general hospital beds in use has risen during the past year from 69.2 per cent to 70.3 per cent. This is the first year that the occupancy of general hospitals has risen above 70 per cent. This is in strict contrast with the situation in 1933, when there was only 59.9 per cent occupancy. Where is the saturation point? What is a reasonable supply of facilities per given unit of population?

The numerous studies that have been made by competent persons have led to some helpful conclusions. General hospitals cannot have their beds 100 per cent occupied. As an emergency institution a general hospital does not have patients waiting in line. Time is required to prepare a room after the discharge of a patient. Rooms, wards and even whole floors in buildings must be closed for renovation and repairs. Then too there are seasonal fluctuations. In many hospitals there are clinical classifications of patients, such as medical and surgical sections. Separations, particularly of ward patients, are based on sex. Rooms vary in

expensiveness. After these variations have been accommodated there must still be a reserve for emergencies. Large hospitals can usually maintain a higher rate of occupancy than small hospitals.

Those who are best qualified to advise with regard to amount of facilities now say that the optimal rate of occupancy in general hospitals usually approximates 75 to 85 per cent. All agree that it varies and that a definite formula cannot be established—each hospital in each community is an individual case. The provision of additional facilities should always be based on the present and future needs of the community as determined through study of the need in relation to available facilities, including expert counsel and interpretation, but always with a liberal use of common sense.

Hospitals should be built only where there are people to be served and where both professional talent and means for support are available.

The cooperation of hospital administrators and other officers in making possible the vast amount of reliable information presented in the preceding pages is gratefully acknowledged.

IMMUNITY VS. ANTIBODY TITER IN POLIOMYELITIS

Detailed studies of immunity in monkeys convalescent from poliomyelitis are reported by Kessel and Stimpert [1] of the University of Southern California School of Medicine. Their data seem to furnish the first statistically adequate evidence of the lack of correlation between tissue immunity and antibody titer in this disease.

Occasional discrepancy between serum titer and susceptibility to poliomyelitis has been suggested by numerous investigators. Schultz, Gebhardt and Bullock,[2] for example, found that specific complement fixing and precipitating antibodies are often absent from the serum of hyperimmunized convalescent monkeys. This was confirmed by Sabin and Olitsky,[3] who found that experimentally infected monkeys often develop a resistance to intranasally instilled homologous virus before virucidal antibodies can be detected in their blood stream. In contrast, Olitsky and Cox [4] found that virucidal antibodies are often produced as a result of the injection of chemically killed viruses, without the production of demonstrable resistance to homologous infection. None of these tests, however, were adequate to establish the mathematical frequency of such discrepancies.

In the research of the southern California investigators, six different strains of poliomyelitis virus were used, varying from the highest virulent to the lowest virulent strains thus far isolated. One hundred and forty-nine convalescent monkeys were retested by intracerebral injection of 10 minimum lethal doses of homologous or heterologous strains. Kessel found that 61 per cent of these convalescent monkeys exhibited a complete immunity to reinfection with their arbitrary test dose. In addition, 30 per cent of the convalescent monkeys showed a partial immunity manifest by a reduced death rate. The highest percentage of immunity was observed in animals retested with homologous virus. Percental variations were observed with different vaccines, ranging from 47 per cent complete immunity for the least effective vaccine to 86 per cent for the most effective (average 61 per cent).

Serologic tests were made on 100 of the convalescent monkeys immediately before the immunity test. Twenty-eight of these monkeys showed positive in vitro neutralization antibodies associated with complete immunity. In contrast, 31 demonstrably immune monkeys yielded negative serums, while 19 nonimmune monkeys yielded positive serologic titers. The remaining 22 monkeys gave negative results in both immunity and serologic tests. Summarizing their results, Kessel and Stimpert conclude that positive correlation between immunity and serum titer existed in but 50 per cent of their convalescent monkeys. With a positive serum titer, therefore, there is only one chance in two that the animal is immune. With such a low percentage of correlation, virucidal titer lacks diagnostic significance. Evidently the dominant or essential factor in poliomyelitis immunity does not exist in the form of circulating antibodies.

REDUCING MEDICAL FACILITIES

A new attitude is apparently influencing recent medical surveys. In the past these have been conducted too largely by persons without medical training who were mainly concerned in laying the groundwork for an argument for some sort of profound change in medical service. The first extensive survey to secure the wide cooperation of all those sufficiently concerned with medical matters to have specific information was the one conducted by the American Medical Association on "Medical Care in the United States—Demand and Supply."

The survey of Rochester, N. Y., by Dr. Wilson G. Smillie is an example of the new and much more valuable type of survey that it is hoped may displace the old ones.[1] A collection of the factual data as to existing facilities for the care of the sick in 1930, 1935 and 1940 showed the existence of certain definite

1. Kessel, J. F., and Stimpert, F. D.: J. Immunol. **40**: 61 (Jan.) 1941.
2. Schultz, E. W.; Gebhardt, L. P., and Bullock, L. T.: J. Immunol. **31**: 171 (Sept.) 1931.
3. Sabin, A. B., and Olitsky, P. K.: J. Exper. Med. **64**: 739 (Nov.) 1936.
4. Olitsky, P. K., and Cox, H. R.: J. Exper. Med. **63**: 109 (Jan.) 1936.

1. Smillie, Wilson G.: A Survey of the Facilities for the Care of the Sick of Rochester, New York, Conducted for the Survey Committee of the Rochester Community Chest, Inc., January 1941.

trends: (1) an increase in hospitalization cost due to increased demands for hospital bed care, (2) increased cost of hospitalization due largely to better and more expensive service, (3) change in the type of demand for hospital facilities, particularly an increasing demand for hospitalization of chronic disease due to aging of the population, and (4) an extraordinary increase in hospital insurance.

The Monroe County Medical Society undertook to judge the adequacy of existing facilities. The reason for this action was that:

> The obvious fact that the practicing physician is the keystone of all medical care is frequently overlooked or forgotten. *He is medical care.* All the facilities—hospitals, clinic services, laboratories, nursing service, technical equipment and the like—are the tools with which he must do his work. Who, then, should know better than the physician whether or not his tools are adequate? Who is a better judge of the defects of the equipment with which he must accomplish his tasks?

The physicians recognized the need of the following facilities: more low cost hospital beds for care of acute illness of private patients; better provisions for psychiatric care in general hospitals and additional outpatient facilities in psychiatry; more beds for the chronic sick, especially for arthritis and heart disease, and more facilities for the care of convalescents and especially for mental and dental care.

A new feature of this survey is an analysis of public opinion conducted by an expert in this type of survey. The inadequacies which the public believe existed agree closely with those of the physicians. One of the questions was to determine the attitude of the public toward medical insurance. While a decided majority expressed themselves in favor of some type of medical insurance, it was found, when these replies were broken down by income classes, that few of those in favor of it could afford such insurance and that the "theoretical potential market" for such insurance was only about 17 per cent of the total population. Ninety-five per cent of the public gave a negative answer to the question "Has your family ever had any kind of difficulty in securing it when they needed medical, hospital or nursing care?" Ninety-two per cent stated that they did not know of any family in Rochester that needed such care and was unable to get it.

It may be significant of the confused character of the propaganda for "socialized medicine" that 43 per cent when asked "What, in your opinion, does the term 'socialized medicine' mean?" replied "Don't know" and that the rest gave replies that showed that they had little idea of the meaning of such a term.

That the "family doctor" has not disappeared may be suggested by the fact that 80 per cent stated that when they wished to call a doctor they would "usually go to the same doctor" and that 95 per cent of them preferred an M.D. to any other type of practitioner.

Current Comment

INCREASING HOSPITAL COSTS

In March 1940 the annual report of the Bridgeport, Conn., Hospital giving figures since the beginning of the century was analyzed to show, among other things, how the cost per patient day had increased from $1.32 in 1899 to $5.04 in 1939.[1] The latest report of the same hospital adds another column of data covering forty years of hospital experience. The additional information gives the average hospital cost per patient by years. This cost, which was $4.88 in 1899, then declined irregularly to a low of $2.11 in 1913. Probably much of this decline was due to falling prices during this period. From this point the rise has been general until in 1940 it was $5.88, or more than twice as much as in 1913. Depression conditions probably account for the temporary decline from 1930 to 1935. The steady rise which followed can possibly be best explained by the great advances in medicine and hospital administration since the war of 1914-1918. Incidentally, the Bridgeport Hospital administrators seem to be entitled to favorable mention for having reduced their annual deficit in 1940 to the lowest point since 1919. This has been done in the face of declining gifts, which have to some extent been replaced by increased income from group hospitalization.

CARBOHYDRATE FORMATION FROM THREONINE

A portion of the amino acids commonly yielded on digestion gives rise to the formation of sugar in the organism. The classic work of Lusk evaluated this function for those amino acids known before 1920. Vars[1] showed the glycogenic nature of methionine, which was discovered in 1921. Hall and his associates[2] have reported on the role assumed by threonine in the formation of carbohydrate. Since conclusive proof of the presence of alpha-amino-beta-hydroxybutyric acid in proteins was established,[3] information regarding the metabolic pathways that this compound might follow in the organism has been awaited. The fact that threonine was found to be an indispensable amino acid served to heighten the interest of investigators in its metabolism. Now it has been reported that both dl-threonine and the optical isomer dl-allothreonine form glycogen in the rat and may thus be classed as glycogenic amino acids. It has, moreover, been found that experimental ketonuria in rats is ameliorated when the animals are fed either of these amino acids. The significant reduction in excretion of acetone bodies observed in this instance is likewise indicative of the potentialities of these amino acids for carbohydrate formation in the body.

1. Trends in Hospitalization. Organization Section, J. A. M. A. **114**: 1272 (March 30) 1940.

1. Vars, H. M.: Amino Acid Metabolism, Proc. Soc. Exper. Biol. & Med. **31**: 129 (Oct.) 1933.

2. Hall, W. K.; Doty, J. R., and Eaton, A. G.: The Availability of dl-Threonine and dl-Allothreonine for the Formation of Carbohydrate, Am. J. Physiol. **131**: 252 (Nov.) 1940.

3. McCoy, R. H.; Meyer, C. E., and Rose, W. C.: Feeding Experiments with Mixtures of Highly Purified Amino Acids: VIII. Isolation and Identification of a New Essential Amino Acid, J. Biol. Chem. **112**: 283 (Dec.) 1935

MEDICAL PREPAREDNESS

In this section of The Journal each week will appear official notices by the Committee on Medical Preparedness of the American Medical Association, announcements by the Surgeon Generals of the Army, Navy and Public Health Service, and other governmental agencies dealing with medical preparedness, and such other information and announcements as will be useful to the medical profession.

ARMY RESERVE OFFICERS ORDERED TO ACTIVE DUTY

SECOND CORPS AREA

The following additional medical reserve corps officers have been ordered to duty by the Commanding General, Second Corps Area, which comprises the states of New York, New Jersey and Delaware:

ADLER, Daniel K., 1st Lieut., Syracuse, N. Y., Fort Bragg, N. C.
ADLER, Harry, 1st Lieut., Elmira, N. Y., Camp Peay, Tenn.
ALONZO, Gerard J., 1st Lieut., Lyndhurst, N. J., Camp Forrest, Tenn.
ANDERSON, Albert V., 1st Lieut., New York, Fort Devens, Mass.
ANGIOLETTI, Louis V., 1st Lieut., Fort Lee, N. J., Fort Monmouth, N. J.
BAMBARA, Aurelius J., 1st Lieut., Flemington, N. J., Camp Forrest, Tenn.
BAR, Samuel, 1st Lieut., Englishtown, N. J., Camp Forrest, Tenn.
BARON, Benjamin, Captain, Astoria, N. Y., Fort Jackson, S. C.
BASHEIN, Gus, Captain, Forest Hills, N. Y., Fort Hancock, N. J.
BATTISTA, Louis C., 1st Lieut., Watertown, N. Y., Casey Jones's Aeronautical School, Newark, N. J.
BAUMANN, Frank A., Jr., 1st Lieut., Binghamton, N. Y., Camp Forrest, Tenn.
BEDNARKIEWICZ, Ignatius A., Captain, Schenectady, N. Y., Camp Croft, S. C.
BETCHER, Albert M., 1st Lieut., Jersey City, N. J., Camp Forrest, Tenn.
BICK, Edgar M., Captain, New York, Fort Monmouth, N. J.
BIUNNO, Anthony J., 1st Lieut., Newark, N. J., Fort Bragg, N. C.
BLASH, Andrew A., 1st Lieut., Elmira, N. Y., Camp Forrest, Tenn.
BLANSTEIN, Max, 1st Lieut., Brooklyn, Fort Ethan Allen, Vt.
BOLTEN, Bernard, 1st Lieut., Newark, N. J., Camp Claiborne, La.
BRADFORD, Vance A., 1st Lieut., Syracuse, N. Y., Camp Blanding, Fla.
BROWN, Leonard, 1st Lieut., Ridgefield, N. J., Camp Forrest, Tenn.
BROWN, Walter E., Jr., 1st Lieut., Schenectady, N. Y., West Point, N. Y.
BROWN, William, 1st Lieut., Long Island City, N. Y., Fort Monmouth, N. J.
BUCKBEE, Harold F., 1st Lieut., Dolgeville, N. Y., Madison Barracks, N. Y.
CAMPANELLA, Paul J., 1st Lieut., Fulton, N. Y., Fort Ontario, N. Y.
CARBONE, Ralph, 1st Lieut., Coytesville, N. J., Camp Livingston, La.
CHILDRESS, Harold McF., 1st Lieut., Jamestown, N. Y., Camp Croft, S. C.
CHRISTOPH, Francis T., 1st Lieut., Maplewood, N. Y., Camp Claiborne, La.
COHEN, Abraham G., Captain, New York, Induction Station, Albany, N. Y.
COTTON, Thomas S., 1st Lieut., Hornell, N. Y., Camp Croft, S. C.
CRUDEN, Allen B., Jr., 1st Lieut., Montclair, N. J., Fort Jackson, S. C.
D'ADDARIO, Anthony R., 1st Lieut., Newark, N. J., Fort Jackson, S. C.
D'AMANDA, William, 1st Lieut., Rochester, N. Y., Camp Croft, S. C.
DAVY, Lloyd F., 1st Lieut., Williamson, N. Y., Camp Claiborne, La.
DE BLASE, Joseph A., 1st Lieut., Schenectady, N. Y., Camp Peay, Tenn.
DE LESSIO, Frank A., 1st Lieut., Haverstraw, N. Y., Fort Bragg, N. C.
DeMICHELE, Roland V., Captain, Newark, N. J., Camp Forrest, Tenn.
DE TROIA, Frederick C., 1st Lieut., Newark, N. J., Camp Forrest, Tenn.
DONATO, Marion T., 1st Lieut., Batavia, N. Y., Camp Claiborne, La.
EMERSON, William C., Captain, Rome, N. Y., Fort Bragg, N. C.
FAIRFAX, Kenneth T., Captain, Geneva, N. Y., Camp Croft, S. C.
FINKELSTEIN, Herman, 1st Lieut., Roseland, N. J., Camp Forrest, Tenn.
FINKELSTEIN, Leonard E., 1st Lieut., Brooklyn, Fort Monmouth, N. J.
FLAX, Ralph W., 1st Lieut., Long Beach, L. I., N. Y., Reception Center, Camp Upton, N. Y.
FORTUNATO, Samuel J., 1st Lieut., Newark, N. J., Camp Claiborne, La.
FRANK, Norris H., Captain, Collins Center, N. Y., Camp Stewart, Ga.
FRANZESE, Pasquale, 1st Lieut., Brooklyn, Fort Dix, N. J.
FRAULO, Louis, 1st Lieut., Clifton, N. J., Fort Dix, N. J.
FRIEDENTHAL, Bernard, 1st Lieut., New Brunswick, N. J., Fort Bragg, N. C.
FRUCHTBAUM, Robert P., 1st Lieut., Nutley, N. J., Camp Croft, S. C.
FRUMKIN, Jacob, Captain, Schenectady, N. Y., Camp Claiborne, La.
FUNK, Joseph E., 1st Lieut., Floral Park, N. Y., Fort Jackson, S. C.
GAETA, Louis E., 1st Lieut., Jackson Heights, N. Y., Fort Jackson, S. C.
GELB, Jerome, 1st Lieut., Newark, N. J., Camp Croft, S. C.
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GREENBERG, Nathan H., 1st Lieut., Irvington, N. J., Camp Forrest, Tenn.
GROSS, Herbert F., 1st Lieut., New York, Camp Blanding, Fla.
HARRIS, Harold E., 1st Lieut., Brooklyn, Fort Dix, N. J.
HARTMAN, Winfield L., 1st Lieut., South Orange, N. J., Carlisle Barracks, Pa.
HARWOOD, Bruno S., Major, Saranac Lake, N. Y., Plattsburg Barracks, N. Y.
HAWRO, Vincent A., 1st Lieut., Buffalo, Camp Claiborne, La.
HOROWITZ, Samuel, 1st Lieut., Ogdensburg, N. Y., Madison Barracks, N. Y.
IAMELE, Louis A., 1st Lieut., Brooklyn, Fort Bragg, N. C.
JACOBS, William, 1st Lieut., Irvington, N. J., Fort Bragg, N. C.
JACOBSON, Morton A., 1st Lieut., Yonkers, N. Y., Fort Bragg, N. C.
JACOBSON, Murray B., 1st Lieut., Perth Amboy, N. J., Camp Croft, S. C.
JUDGE, Arnold F., Captain, Albany, N. Y., Camp Peay, Tenn.
KALB, John A., 1st Lieut., Endicott, N. Y., Camp Claiborne, La.
KATZ, Jacob F., 1st Lieut., New York, N. Y., Fort Hancock, N. J.
KIRSNER, Morris H., Captain, Yonkers, N. Y., Fort McClellan, Ala.
KLEIN, Milton D., 1st Lieut., Brooklyn, Fort Bragg, N. C.
KORKOSZ, August B., 1st Lieut., Schenectady, N. Y., West Point, N. Y.
KRIEGLER, Joseph, 1st Lieut., Lackawanna, N. Y., Fort McClellan, Ala.
KRITKAUSKY, Anthony R., 1st Lieut., Johnson City, N. Y., Fort Bragg, N. C.
KUCZMARSKI, Leo Norman, 1st Lieut., Buffalo, Fort McClellan, Ala.
LA ROSA, Frank J., 1st Lieut., Rego Park, N. Y., Camp Blanding, Fla.
LA SORSA, Francis P., 1st Lieut., New York, Fort Bragg, N. C.
LEMKIN, Sam, 1st Lieut., Newark, N. J., Camp Forrest, Tenn.
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LIPSON, Lester, 1st Lieut., Monticello, N. Y., 10th Coast Artillery, Fort Adams, R. I.
LUTSKY, Solomon, 1st Lieut., Brooklyn, Fort Bragg, N. C.
MAFFEO, Carl E., 1st Lieut., Newark, N. J., Camp Shelby, Miss.
MAGGIORE, Michael J., 1st Lieut., Endicott, N. Y., Fort Ontario, N. Y.
MALGERI, John, 1st Lieut., East Orange, N. J., Fort Bragg, N. C.
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MANDOUR, Brahim A., 1st Lieut., Utica, N. Y., Camp Stewart, Ga.
MASCIA, Franklin J., 1st Lieut., Newark, N. J., Camp Claiborne, La.
MILANESI, Armand M., 1st Lieut., Union City N. J., Camp Croft, S. C.
MIRANTI, Paul J., 1st Lieut., Jersey City, N. J., Governors Island, N. Y.
MOSKOWITZ, Harry, 1st Lieut., Long Island, N. Y., Fort McClellan, Ala.
MOSKOWITZ, Irving L., 1st Lieut., Brooklyn, 10th Coast Artillery, Fort Adams, R. I.
NOTKIN, Meyer, 1st Lieut., Paterson, N. J., Camp Claiborne, La.
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O'CONNER, Maurice N., 1st Lieut., Springville, N. Y., Camp Claiborne, La.
PALMER, Francis R., Major, Passaic, N. J., Camp Claiborne, La.
PELLICANO, Victor L., 1st Lieut., Niagara Falls, N. Y., Fort Bragg, N. C.
PELLICIARI, D. Donald, 1st Lieut., East Orange, N. J., Fort Bragg, N. C.
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POOLER, Harold A., Captain, Binghamton, N. Y., Fort Bragg, N. C.
PORTER, Richard C., 1st Lieut., Buffalo, Fort Monmouth, N. J.
PSCHIERER, Francis J., 1st Lieut., Buffalo, Fort Niagara, N. Y.
RAPPOPORT, Arthur E., 1st Lieut., Caledonia, N. Y., Fort Niagara, N. Y.
RATZAN, Martyn C., 1st Lieut., Brooklyn, 11 Coast Artillery, Fort H. G. Wright, N. Y.
REMS, Jacob P., 1st Lieut., Belmont, N. Y., Fort Niagara, N. Y.
ROSEFSKY, Israel, 1st Lieut., Binghamton, N. Y., Fort Ontario, N. Y.
ROTHSTEIN, Isadore, 1st Lieut., New York, Army Medical Center, Washington, D. C.
ROWE, Kenneth T., 1st Lieut., Dansville, N. Y., Camp Stewart, Ga.
SABIN, Howard Q., 1st Lieut., New York, Fort Hancock, N. J.
SANDS, Abraham M., 1st Lieut., Brooklyn, Fort Bragg, N. C.
SCHLOSSMAN, Howard H., 1st Lieut., Jersey City, N. J., Fort Bragg, N. C.
SCHMIDT, Christian W., 1st Lieut., Burdett, N. Y., Fort Ontario, N. Y.
SCHNEE, Isadore M., 1st Lieut., Brooklyn, Fort Jackson, S. C.
SCONZO, Lawrence J., 1st Lieut., Brooklyn, Fort Benning, Ga.
SEBASTIAN, Martin L., 1st Lieut., Brooklyn, Fort Jackson, S. C.
SHARE, William L., 1st Lieut., Syracuse, N. Y., Fort Bragg, N. C.
SILVER, George A., 3d, 1st Lieut., Hightstown, N. J., Camp Forrest, Tenn.

SLOBODKIN, Morris, 1st Lieut., Brooklyn, Camp Peay, Tenn.
SPIRITO, Michael W., 1st Lieut., Elizabeth, N. J., Fort Monmouth, N. J.
SPITZER, Norman, 1st Lieut., Yonkers, N. Y., Fort Bragg, N. C.
STALKUS, Anthony J., 1st Lieut., Maspeth, L. I., N. Y., Fort Bragg, N. C.
STARK, Julius, 1st Lieut., Brooklyn, Fort McClellan, Ala.
STETSON, Charles G., 1st Lieut., New York, Pine Camp, N. Y.
TAMASI, Joseph John, 1st Lieut., Garden City, N. Y., 134th Medical Regiment, Albany, N. Y.
TELLMAN, Edwin T., 1st Lieut., Palmyra, N. Y., Fort Ontario, N. Y.
THALER, Joseph I., 1st Lieut., Rochester, N. Y., Fort Ontario, N. Y.
TRAVIS, Richard E., 1st Lieut., Hornell, N. Y., Fort Niagara, N. Y.
VELLUZZI, Joseph F., 1st Lieut., Bayonne, N. J., Fort Dix, N. J.
WANGNER, William F., 1st Lieut., Bloomfield, N. J., Fort Bragg, N. C.
WARRING, Willard B., 1st Lieut., Albany, N. Y., Camp Peay, Tenn.
WATERMAN, Samuel, M., Captain, Newark, N. J., Fort Bragg, N. C.
WEINBERG, Paul V., 1st Lieut., Brooklyn, Camp Livingston, La.
WELLENS, Stanley L., 1st Lieut., Edgemere, N. Y., Fort Dix, N. J.
WETCHLER, Benjamin B., 1st Lieut., New York, Fort Bragg, N. C.
WILLIAMS, Robert X., 1st Lieut., Clymer, N. Y., Camp Forrest, Tenn.
YASUNA, Alvin D., Captain, New York, Fort Jackson, S. C.
ZANCA, Peter, 1st Lieut., Verplanck, N. Y., Fort Bragg, N. C.
ZUSSMAN, Bernard, 1st Lieut., New York, Camp Claiborne, La.

THIRD CORPS AREA

The following additional medical reserve corps officers have been ordered to extended active duty by the Commanding General, Third Corps Area, which comprises the states of Pennsylvania, Virginia, District of Columbia and Maryland:

BOYCE, Oren Douglas, 1st Lieut., Rural Retreat, Va., Fort Eustis, Va.
BUZZERD, Harry Williams, 1st Lieut., Williamsport, Pa., Fort Belvoir, Va.
CAMPANA, Frederick Thomas, Captain, Monessen, Pa., Camp Lee, Va.
DEGNAN, Philip Augustus, 1st Lieut., Washington, D. C., Camp Lee, Va.
DVORCHAK, George Edward, 1st Lieut., Patton, Pa., Camp Lee, Va.
FRALEY, Henry Watson, 1st Lieut., Leechburg, Pa., Camp Lee, Va.
GREEN, Manuel Edwin, Captain, Pittsburgh, Fort Eustis, Va.
GUTHRIE, Michael Aloysius, Captain, Pittsburgh, Fort Belvoir, Va.
HANES, William James, Captain, Strafford, Pa., Fort Belvoir, Va.
HEIMBACH, James Alvin, Major, Altoona, Pa., Camp Pendleton, Va.
KILDAY, John, Captain, Frostburg, Md., Fort Belvoir, Va.
LAUGHLIN, Kenneth Francis, 1st Lieut., Washington, D. C., Fort Belvoir, Va.
LESLIE, Frank George, 1st Lieut., Butler, Pa., Camp Lee, Va.
LISKA, John Robert, 1st Lieut., Greensburg, Pa., Camp Lee, Va.
MATEER, Eugene Henry, 1st Lieut., State College, Pa., Fort Benning, Ga.
MEDOF, Milton Irving, Captain, Pittsburgh, Savannah Air Base, Savannah, Ga.
MINTER, James William, Captain, Ridgway, Pa., Camp Lee, Va.
MORAN, John Anthony, 1st Lieut., Baltimore, Langley Field, Va.
MORGAN, Thomas Addison, 1st Lieut., Franklin, Va., Fort Story, Va.
PURVIS, James David, 1st Lieut., Pittsburgh, Camp Lee, Va.
RICHARDSON, Emmett Vynston, Captain, Marion, Fort Eustis, Va.
ROBBINS, Leo Edward, 1st Lieut., Philadelphia, Camp Lee, Va.
SILVER, Sam, 1st Lieut., Waynesboro, Pa., Fort Belvoir, Va.
SILVERBLATT, Bernard Leslie, 1st Lieut., Pittsburgh, Camp Lee, Va.
SNEAD, Howard Garnett, 1st Lieut., Franklin, Va., Fort Eustis, Va.
STEIN, Milton Robert, 1st Lieut., Baltimore, Fort Belvoir, Va.
STOCK, Aaron Hirsh, 1st Lieut., Pittsburgh, Fort Belvoir, Va.
THOMAS, Henry Malcolm, Jr., Major, Baltimore, Fort George G. Meade, Md.
THOMAS, John Lloyd, 1st Lieut., Greenville, Pa., Fort Belvoir, Va.
ZUPNIK, Howard Lester, 1st Lieut., Baltimore, Camp Lee, Va.

CORRECTION

Major Pelzman Instead of Reizman.—In the Medical Preparedness section of THE JOURNAL, March 1, page 843, under the Third Corps Area, the name Major Reizman, Ivy Albert, was erroneously spelled and should have been Pelzman, Ivy Albert.

FIFTH CORPS AREA

The following additional medical reserve officers have been ordered to active duty by the Commanding General, Fifth Corps Area, which comprises the states of Ohio, West Virginia, Indiana and Kentucky:

BAKER, Simeon S., 1st Lieut., Lynch, Ky., Fort Knox, Ky.
BARNETT, William E., 1st Lieut., Logansport, Ind., Fort Knox, Ky.
BLEMKER, Russell M., Captain, Greensburg, Ind., Fort Knox, Ky.
CARLISLE, Richard C., 1st Lieut., Columbus, Ohio, Fort Knox, Ky.
GREER, Oliver W., Captain, Indianapolis, Fort Knox, Ky.
JONES, Francis P., Captain, Indianapolis, Fort Knox, Ky.
LAKE, Willard, Major, McHenry, Ky., Fort Knox, Ky.
KOSTOFF, Albert, Captain, Columbus, Ohio, Fort Knox, Ky.
STARCHER, Everett H., Major, Earling, W. Va., Charleston, W. Va.
STONE, Sydney R., Captain, Cleveland, Fort Knox, Ky.
SUTTON, William E., 1st Lieut., Edinburg, Ind., Fort Knox, Ky.
TOTH, Daniel F., Captain, Cleveland, Fort Knox, Ky.

MEDICAL SUPPLIES FOR GREECE

Five tons of medical and surgical supplies has been shipped to Greece by the Medical and Surgical Supply Committee of America in response to an appeal issued in February by Dr. Haven Emerson, New York, chairman of the American Physicians' Committee to Aid Greece. The shipment included four operating tables, nine thousand tablets of sulfathiazole, five hundred vials of tetanus antitoxin, surgical dressings, antiseptics, vitamins, sedatives and concentrated foods. The committee's announcement said that more than two hundred and eighty-five physicians and surgeons in the principal cities of the United States assisted in the drive for raising funds and collecting the supplies.

Two ambulances for the Greek army, one contributed by the students and faculty of Columbia University, New York, and the other by colleges and universities throughout the United States and Canada, were presented to the Greek government through the Greek consul general in New York with ceremonies on the Columbia campus, February 23.

COURSE IN MILITARY MEDICINE

The American College of Physicians has arranged as one of its annual postgraduate courses a course in military medicine, to be given April 7-18 under the auspices of the Army Medical Corps, the Navy Medical Corps and the U. S. Public Health Service. The directors of the program will be Col. Charles C. Hillman, U. S. Army; Lieut. Col. William C. Munly, U. S. Army; Comdr. Frederick R. Hook, U. S. Navy, and Dr. Roscoe Spencer, U. S. Public Health Service. The minimal registration will be twenty-five and the maximal seventy-five. Instruction will be offered at Walter Reed General Hospital, the U. S. Naval Hospital and at the headquarters of the U. S. Public Health Service by a large number of officers of the services stationed in Washington and by some speakers from outside Washington. Among the subjects listed for the course are physical standards for selection of military personnel, detection of tuberculosis in selectees, food inspection, deficiency diseases, shock and the use of blood and blood substitutes, war neuroses, venereal diseases, aviation medicine, subsurface medicine, epidemiology, immunization and treatment of communicable and infectious diseases (other than venereal), industrial medicine and tropical medicine.

NEW SOCIETY OF SELECTIVE SERVICE

The Maryland Society of Selective Service has been created with Dr. Sydney R. Miller, Baltimore, as permanent chairman. This is a volunteer organization for the discussion of problems that arise in selective service work, which aims to render uniform throughout Maryland the interpretation of regulations. At a meeting on January 31 Dr. Charles R. Austrian, Baltimore, was chairman of the organization committee. At a statewide meeting on February 28 plans for the society were drawn up. There are no dues.

MILITARY MEDICINE PROGRAM AT CLEVELAND ACADEMY

At a meeting of the Military Medicine section of the Academy of Medicine of Cleveland, February 24, Col. John C. Darby, Medical Reserve Corps, discussed "Current Progress of the Military Mobilization Plan" and Dr. George M. Saunders, visiting lecturer for tropical diseases at Western Reserve University School of Medicine and epidemiologist for the Leonard Wood Memorial, spoke on "Medical Problems of the Caribbean Area in Relation to National Defense."

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(Continued from page 1009)

FEBRUARY 24—MORNING

(In the absence of the jury, the Court gave his decision not to admit the proceedings of the hearings of Drs. Lee and Scandiffio before the District of Columbia Medical Society.)

In his decision the Court said it seemed to him that the record would serve no good purpose and that there is no reasonable grounds for its admission. It would lead to a prolonged indefinite diversion of this case through the trial of the issues on that phase, collateral in their nature. It is impossible to see where such a diversion would lead to. It would certainly becloud and confuse the issues in this case and make a case which by its very nature, by its length and many details involved, and the extended indictment on which it is predicated, more difficult than in its nature it is.

TESTIMONY OF WILLIAM C. KIRKPATRICK

DIRECT EXAMINATION

By Mr. Lewin:

William C. Kirkpatrick said he is employed in the auditing division of the Reconstruction Finance Corporation, assigned to the Curtiss Aeroplane Division of the Curtiss-Wright Corporation in Buffalo. In 1937 and 1938 he was supervisor of tax section for the Home Owners Loan Corporation. He first became actively interested in Group Health Association in January 1937. At the time he was a director of the Federal Credit Union that was in existence in the Home Owners Loan Corporation. He first heard about Group Health from Mr. Raymond R. Zimmerman who was then the personnel director of the Home Owners Loan Corporation. He attended the first organization meeting of January 1937. This organization meeting was held in the departmental auditorium on Constitution Avenue, between Fourteenth and Fifteenth. About two hundred or three hundred employees of the Home Owners Loan Corporation were present. The organization was formed and the members were asked whether or not they would be interested in forming such an organization; and the president of the organization was elected; and the secretary and treasurer, and some of the trustees. In April 1937 he was elected vice president by the board of trustees. Mr. William F. Penniman was elected president; Mr. Raymond T. Berry was elected secretary and treasurer, and Mr. C. K. Berlin was elected assistant treasurer. He became president in January 1938.

Q.—January 18. Now, tell the jury, if you will, what were the facts with regard to the hospitalization of Group Health patients when you became president in January of 1938.

A.—Well, I found there was a continued stalemate with respect to admission of the members of our staff to the courtesy privileges in hospitals in Washington. That was the situation which confronted me when I became president.

Q.—Were there any cases awaiting hospital treatment?

A.—There were at the time I became president approximately 75 elective operations on the books.

Q.—What is an elective operation?

A.—Well, an elective operation is one where an operation may be necessary where the patient elects to have it; as distinguished from an emergency operation which must be performed, regardless.

Q.—Now, you say they were on the books. What does that mean?

A.—They were on our books for attention. They had come in and been examined and the physicians had determined that these operations were necessary sometime or other.

Q.—And were they receiving treatment in the hospitals?

A.—No. None of them were receiving treatment in the hospitals.

Q.—All right. Now it has been testified here that the first medical director was Dr. Henry Rolf Brown. Did you participate in his selection?

A.—I participated in his selection as a member of the board of trustees.

Q.—Yes. Now, what other doctors had been engaged for the medical staff when you became president in January 1938?

A.—Dr. Raymond E. Selders; Dr. Stephen Hulburt; Dr. Caboon; Dr. Halstead.

Q.—I wonder if you are correct there. Dr. Caboon, did he come to that staff that early, when you became president?

A.—I will have to withdraw that. He became later on. Dr. Scandiffio; Dr. Richardson.

Q.—And had you had any other doctors who had joined you and then had resigned?

A.—Yes. Dr. Lee was a member of the staff at the time and had resigned.

Q.—That is Dr. Allan E. Lee?

A.—Dr. Allan E. Lee.

Q.—I wonder if you could tell us what compensations were being made these doctors who were on the staff, the doctors you have named.

A.—As near as I can recall, Mr. Lewin, compensation ranged from $2,000 per annum for part-time service to $7,200 per annum for full-time services.

Q.—Yes. Now, who drew the $7,200?

A.—The director, Dr. Brown.

Q.—And who were the part-time men?

A.—Dr. Scandiffio was a part-time man. I think Dr. Lee, when he first came there, was a part-time man.

Q.—What was the arrangement with Dr. Richardson?

A.—Dr. Richardson was employed to take care of house calls because there were so many house calls at the time that it disrupted the operations of the clinic to have doctors called out from their work during the day.

Q.—Yes.

A.—So we arranged to have one doctor confine himself to house calls.

Q.—Yes. Mr. Kirkpatrick, who picked out these doctors for employment by Group Health?

A.—The medical director selected every one of them.

Q.—And was it on his recommendation that they were elected to the medical staff?

A.—It was on his recommendation to the board of trustees that they were put on the pay roll.

Q.—Was any change later made in the employment of Dr. Scandiffio?

A.—Yes. He was taken on full time.

Q.—When did that occur?

A.—As near as I can recall, that occurred sometime in the early summer of 1938.

Q.—What salary did he receive when he was employed?

A.—He received $6,000 when he was put on full time.

Q.—Was there any change made in Dr. Hulburt's employment?

A.—Yes. Dr. Hulburt was increased two or three times. You mean for that particular time?

Q.—What was his initial salary?

A.—I think his initial salary was twenty-four hundred, if I am not mistaken. I may have to be refreshed as to that particular figure.

Q.—I don't suppose there is any objection to that. I have been informed that his initial salary was $3,600.

A.—That is perhaps so.

Q.—Mr. Kelleher corrects me and says I am wrong about that, that it was $2,000, and it was raised to thirty-six hundred.

A.—Yes. I think it was nearer twenty-four hundred than thirty-six at the start.

. . . . . .

Q.—What arrangement did Group Health Association make for taking care of the examination of the eyes?

A.—Well, we entered into an arrangement with Dr. Moretti, who had an office on Sixteenth Street, under which he would perform the refractions for $5 each.

Q.—Is that Dr. Frederick A. Moretti?

A.—That is Frederick A. Moretti. At the time that we entered into that arrangement with him I think there were some 150 to 200 eye refractories awaiting attention at the time, and Dr. Moretti worked those down and later on he was given more.

Q.—How long was he with you, would you say?

A.—He was with us approximately six months under the arrangement, until we obtained a permanent eye man.

Q.—Yes. And who was he?

A.—Dr. Virginius Dabney.

Q.—When did you obtain him?

A.—He came on about March or April in 1938.

Q.—During 1938 were there additions to the medical staff from time to time?

A.—Yes, there were.

. . . . . .

Q.—About how many members of Group Health did you have at the start?

A.—We had approximately 900.

Q.—Now, will you tell the jury what changes were made in the number of the members of Group Health during the period that you were with them?

A.—Yes. When we started out in November of 1937 we had on the rolls approximately 900 members, all of whom were employees of the Home Owners Loan Corporation. Shortly after the first of the year 1938, we received requests from two or three other government departments to have other employees participate in this Association and in this service. As a result of that request we had a meeting at the clinic with these representatives of these other departments, and the trustees agreed to throw open the list of membership to these particular departments, and later on we increased the representation to some forty-odd bureaus, agencies, and departments of the Government here in Washington.

Q.—What changes were effected in the number of members that you had?

A.—Well, we went from approximately 900 in November 1937 to about 2,500 or 2,600 in March and April 1938.

Q.—Yes. Had the board decided on any limitation of the members?

A.—Yes. We had a limitation, I think it was 3,300, beyond which we felt we could not go safely.

Q.—Why was that limitation put on?

A.—On account of the limited facilities of the clinic.

Q.—Did you ever attain that maximum amount of 3,300?

A.—No, we never did. Not while I was active in the Association.

Q.—Now, when you became president, did you know that Mr. Penniman had been having some correspondence with the Washington private hospitals?

A.—Yes, I was aware of that.

Q.—You were aware of that. Did you do anything further with regard to getting the Group Health doctors admitted to those hospitals?

A.—Yes. Immediately I assumed that office I corresponded with most of the hospitals in the city asking them to advise me of the status—

Q.—I hand you what purports to be your letter to the Superintendent of the Children's Hospital, dated Feb. 2, 1938, and ask you if you sent that letter?

A.—That is a copy of my letter.

Q.—And you say you sent a letter similar to this to some of the other hospitals?

A.—Nine or ten of them; yes, sir.

Q.—This letter is to Miss Mattie M. Gibson, Superintendent of the Children's Hospital, Washington, D. C.?

THE COURT:—Are they all alike?

Mr. Lewin:—Not quite, your Honor. They have some slight variations. There are other letters exactly like that but there are some variations too.

THE COURT:—Where they are substantially alike, couldn't they sort of be grouped, one question and one answer, to save time?

Mr. Lewin:—Yes, I think we can do that to some extent, your Honor. There was one letter that came later that went to all of them.

Mr. Lewin:—Before I read it I should like to read these exhibits that were offered and received in evidence relating to the correspondence of Mr. Penniman to the Children's Hospital that preceded this letter. The first is Exhibit 27, which is a letter from Mr. Penniman, President of Group Health Association, to the Children's Hospital, dated Nov. 8, 1937:

U. S. EXHIBIT 27

"The Group Health Association, Inc., a mutual, voluntary organization, has been created by the employees of the Federal Home Loan Bank Board and its agencies for the purpose of providing themselves and dependent members of their families with medical and surgical care and, when necessary, with hospitalization in recognized hospitals of high standing.

"As the representative of the Group Health Association, I hereby request the Children's Hospital to admit members of the Group Health Association for customary hospital service upon the request of its Medical Director, Dr. Henry Rolf Brown.

"Request is also made to permit Dr. Raymond E. Selders, Surgeon, attached to the staff of the Group Health Association, to attend these patients while hospitalized. For your information, we are attaching hereto a record of Dr. Selders' education, training and experience.

"The Group Health Association will be responsible for the payment of the costs of hospitalization at customary rates, in each case for a period limited to 21 days for any one illness for each patient admitted upon the request of the Medical Director.

"If you desire further information or a conference with us, we shall be glad to have you let us know. Because of the importance of this request, however, an early and favorable reply will be appreciated.

"Very truly yours, William F. Penniman, President."

That is followed by Exhibit 359, which is a letter from Mattie M. Gibson, Superintendent of the Children's Hospital, back to Mr. Penniman, dated Nov. 16, 1937:

U. S. EXHIBIT 359

"Dear Mr. Penniman:

"At a meeting of the Board of Directors of the Children's Hospital, held November 15th, I was authorized to reply to your letter of November 8th, addressed to the Hospital and to Mr. Drayton as President, as follows:

"The Children's Hospital will accept for treatment or hospitalization any patient in need of care, under its charter, rules and regulations.

"This pertains to indigent, semiindigent, and a very limited number of pay patients—as we have only twenty-seven beds available for pay patients.

"All physicians treating patients while in the hospital must be members of the Medical or Courtesy Staff, appointments to which are made annually by its Board of Directors after individual examination into the qualifications of applicants by regular hospital channels.

"Yours sincerely, Mattie M. Gibson, Superintendent."

Then comes Exhibit No. 360, which is Mr. Penniman's letter back to Miss Gibson, the Superintendent of Children's Hospital, dated Nov. 18, 1937:

U. S. EXHIBIT 360

"My Dear Miss Gibson:

"Please accept our thanks for your very prompt and courteous reply to our letter, addressed to The Children's Hospital, under date of November 8th, in which we requested permission to admit patients who are Members of the Group Health Association, at the request of its Medical Directors, Dr. Henry Rolf Brown, also to permit Dr. Selders, Surgeon, attached to the Staff of the Group Health Association, to attend these patients while hospitalized.

"I note with much pleasure that at the meeting of the Board of Directors of The Children's Hospital, held November 15th, you were authorized to advise that the Children's Hospital will accept for treatment or hospitalization any patient in need of care, under its charter, rules and regulations. I further note that this pertains to indigent, semi-indigent, and a very limited number of pay patients, since there are only 27 beds available for pay patients.

"I want you to know, and may I ask that you convey to your Board of Directors, our appreciation for their favorable action on this request.

"Relative to our request to permit Dr. Raymond E. Selders, Surgeon, attached to the Staff of the Group Health Association, to attend these patients while hospitalized, we note that all physicians treating patients while in the hospital must be members of the Medical or Courtesy Staff, appointments to which are made annually by its Board of

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Q.—I don't suppose there is any objection to that. I have been informed that his initial salary was $3,600.

A.—That is perhaps so.

Q.—Mr. Kelleher corrects me and says I am wrong about that, that it was $2,000, and it was raised to thirty-six hundred.

A.—Yes. I think it was nearer twenty-four hundred than thirty-six at the start.

. . . . . .

Q.—What arrangement did Group Health Association make for taking care of the examination of the eyes?

A.—Well, we entered into an arrangement with Dr. Moretti, who had an office on Sixteenth Street, under which he would perform the refractions for $5 each.

Q.—Is that Dr. Frederick A. Moretti?

A.—That is Frederick A. Moretti. At the time that we entered into that arrangement with him I think there were some 150 to 200 eye refractories awaiting attention at the time, and Dr. Moretti worked those down and later on he was given more.

Q.—How long was he with you, would you say?

A.—He was with us approximately six months under the arrangement, until we obtained a permanent eye man.

Q.—Yes. And who was he?

A.—Dr. Virginius Dabney.

Q.—When did you obtain him?

A.—He came on about March or April in 1938.

Q.—During 1938 were there additions to the medical staff from time to time?

A.—Yes, there were.

. . . . . .

Q.—About how many members of Group Health did you have at the start?

A.—We had approximately 900.

Q.—Now, will you tell the jury what changes were made in the number of the members of Group Health during the period that you were with them?

A.—Yes. When we started out in November of 1937 we had on the rolls approximately 900 members, all of whom were employees of the Home Owners Loan Corporation. Shortly after the first of the year 1938, we received requests from two or three other government departments to have other employees participate in this Association and in this service. As a result of that request we had a meeting at the clinic with these representatives of these other departments, and the trustees agreed to throw open the list of membership to these particular departments, and later on we increased the representation to some forty-odd bureaus, agencies, and departments of the Government here in Washington.

Q.—What changes were effected in the number of members that you had?

A.—Well, we went from approximately 900 in November 1937 to about 2,500 or 2,600 in March and April 1938.

Q.—Yes. Had the board decided on any limitation of the members?

A.—Yes. We had a limitation, I think it was 3,300, beyond which we felt we could not go safely.

Q.—Why was that limitation put on?

A.—On account of the limited facilities of the clinic.

Q.—Did you ever attain that maximum amount of 3,300?

A.—No, we never did. Not while I was active in the Association.

Q.—Now, when you became president, did you know that Mr. Penniman had been having some correspondence with the Washington private hospitals?

A.—Yes, I was aware of that.

Q.—You were aware of that. Did you do anything further with regard to getting the Group Health doctors admitted to those hospitals?

A.—Yes. Immediately I assumed that office I corresponded with most of the hospitals in the city asking them to advise me of the status—

Q.—I hand you what purports to be your letter to the Superintendent of the Children's Hospital, dated Feb. 2, 1938, and ask you if you sent that letter?

A.—That is a copy of my letter.

Q.—And you say you sent a letter similar to this to some of the other hospitals?

A.—Nine or ten of them; yes, sir.

Q.—This letter is to Miss Mattie M. Gibson, Superintendent of the Children's Hospital, Washington, D. C.?

THE COURT:—Are they all alike?

Mr. Lewin:—Not quite, your Honor. They have some slight variations. There are other letters exactly like that but there are some variations too.

THE COURT:—Where they are substantially alike, couldn't they sort of be grouped, one question and one answer, to save time?

Mr. Lewin:—Yes, I think we can do that to some extent, your Honor. There was one letter that came later that went to all of them.

Mr. Lewin:—Before I read it I should like to read these exhibits that were offered and received in evidence relating to the correspondence of Mr. Penniman to the Children's Hospital that preceded this letter. The first is Exhibit 27, which is a letter from Mr. Penniman, President of Group Health Association, to the Children's Hospital, dated Nov. 8, 1937:

U. S. EXHIBIT 27

"The Group Health Association, Inc., a mutual, voluntary organization, has been created by the employees of the Federal Home Loan Bank Board and its agencies for the purpose of providing themselves and dependent members of their families with medical and surgical care and, when necessary, with hospitalization in recognized hospitals of high standing.

"As the representative of the Group Health Association, I hereby request the Children's Hospital to admit members of the Group Health Association for customary hospital service upon the request of its Medical Director, Dr. Henry Rolf Brown.

"Request is also made to permit Dr. Raymond E. Selders, Surgeon, attached to the staff of the Group Health Association, to attend these patients while hospitalized. For your information, we are attaching hereto a record of Dr. Selders' education, training and experience.

"The Group Health Association will be responsible for the payment of the costs of hospitalization at customary rates, in each case for a period limited to 21 days for any one illness for each patient admitted upon the request of the Medical Director.

"If you desire further information or a conference with us, we shall be glad to have you let us know. Because of the importance of this request, however, an early and favorable reply will be appreciated.

"Very truly yours, William F. Penniman, President."

That is followed by Exhibit 359, which is a letter from Mattie M. Gibson, Superintendent of the Children's Hospital, back to Mr. Penniman, dated Nov. 16, 1937:

U. S. EXHIBIT 359

"Dear Mr. Penniman:

"At a meeting of the Board of Directors of the Children's Hospital, held November 15th, I was authorized to reply to your letter of November 8th, addressed to the Hospital and to Mr. Drayton as President, as follows:

"The Children's Hospital will accept for treatment or hospitalization any patient in need of care, under its charter, rules and regulations.

"This pertains to indigent, semi-indigent, and a very limited number of pay patients—as we have only twenty-seven beds available for pay patients.

"All physicians treating patients while in the hospital must be members of the Medical or Courtesy Staff, appointments to which are made annually by its Board of Directors after individual examination into the qualifications of applicants by regular hospital channels.

"Yours sincerely, Mattie M. Gibson, Superintendent."

Then comes Exhibit No. 360, which is Mr. Penniman's letter back to Miss Gibson, the Superintendent of Children's Hospital, dated Nov. 18, 1937:

U. S. EXHIBIT 360

"My Dear Miss Gibson:

"Please accept our thanks for your very prompt and courteous reply to our letter, addressed to The Children's Hospital, under date of November 8th, in which we requested permission to admit patients who are Members of the Group Health Association, at the request of its Medical Directors, Dr. Henry Rolf Brown, also to permit Dr. Selders, Surgeon, attached to the Staff of the Group Health Association, to attend these patients while hospitalized.

"I note with much pleasure that at the meeting of the Board of Directors of The Children's Hospital, held November 15th, you were authorized to advise that the Children's Hospital will accept for treatment or hospitalization any patient in need of care, under its charter, rules and regulations. I further note that this pertains to indigent, semi-indigent, and a very limited number of pay patients, since there are only 27 beds available for pay patients.

"I want you to know, and may I ask that you convey to your Board of Directors, our appreciation for their favorable action on this request.

"Relative to our request to permit Dr. Raymond E. Selders, Surgeon, attached to the Staff of the Group Health Association, to attend these patients while hospitalized, we note that all physicians treating patients while in the hospital must be members of the Medical or Courtesy Staff, appointments to which are made annually by its Board of

Directors, after individual examination into the qualifications of applicants by regular hospital channels. I assume that the proper procedure would be to have Dr. Selders fill out an application form or questionnaire. If this is the case, would you be good enough to furnish us with the proper form to be used by Dr. Selders in making this application.

"With very kind regards, I am

"Cordially yours, William F. Penniman, President."

That is Nov. 18, 1937.

Here comes another letter from Mr. Penniman to the same superintendent, Dec. 14, 1937:

U. S. EXHIBIT 362

"Dear Miss Gibson:

"You will recall that we wrote to you on November 18th, relative to your letter of November 16th concerning our request to admit patients who are members of the Group Health Association and to permit Dr. Raymond E. Selders, Surgeon, attached to the Staff of the Group Health Association to attend these patients while hospitalized.

"As stated in our letter of November 18th, we note that all physicians treating patients while in the Children's Hospital must be members of the Medical or Courtesy Staff, appointments to which are made annually by the Board of Directors. We also stated that Dr. Selders will gladly fill out an application form for the consideration of the Board.

"As we have not heard further from you we would appreciate knowing what action has been taken thus far on our request. Would you be good enough to favor us with a prompt reply.

"Yours very truly, William F. Penniman, President."

Then comes 363, which is from the Superintendent, Miss Mattie M. Gibson, back to Mr. Penniman, dated Dec. 15, 1937:

U. S. EXHIBIT 363

"Dear Sir:

"I regret this delay in replying to your letter of November 18th, as I was led to believe that the forms had been sent to your office, but due to the quite serious illness of Mrs. Tabb, my secretary, it must have been left undone.

"I am herewith sending these forms for the use of members of your Medical Staff.

"Sincerely yours, Mattie M. Gibson, Superintendent."

Then 364 is a letter from Mr. Penniman back to Miss Gibson.

Mr. Kelleher:—As I understand it, the application of Dr. Selders, attached to Government Exhibit 364, should be withdrawn; and we now do so.

Mr. Lewin:—Government's Exhibit 364 from Mr. Penniman to Miss Gibson, Superintendent of Children's Hospital, dated Dec. 18, 1937:

U. S. EXHIBIT 364

"My Dear Miss Gibson:

"I acknowledge with pleasure the receipt of your letter of December 15th.

"Relative to our request to permit Dr. Raymond E. Selders, Surgeon, attached to the Group Health Association, to attend patients who are members of the Group Health Association, while hospitalized in the Children's Hospital, I take pleasure in handing you herewith the application which you forwarded and which has been prepared by Dr. Selders.

"He has asked me to say to you that upon approval of his application, he will be happy to extend to the Children's Hospital the fullest cooperation in all matters where it is felt that he or his services would be useful.

"Pending such investigation as is found to be necessary, some of the hospitals have been good enough to grant permission to Dr. Selders to treat emergency cases, explaining that this is a customary privilege extended to physicians and surgeons who are duly licensed to practice in the District of Columbia. If this temporary courtesy could be extended to Dr. Selders in the interim period, it would be greatly appreciated.

"Thanking you, I am,

"Very sincerely yours, William F. Penniman, President."

Now comes Exhibit 374, which was the letter that Mr. Kirkpatrick just identified. It is dated Feb. 2, 1938. To Miss Mattie M. Gibson, Superintendent, the Children's Hospital:

U. S. EXHIBIT 374

"My dear Miss Gibson:

"This will refer to your letter of Dec. 15, 1937, addressed to Mr. William F. Penniman, and also Mr. Penniman's reply of Dec. 18, 1937, both of which relate to an application of Dr. Raymond E. Selders, a member of the staff of Group Health Association, Inc., for courtesy privileges at The Children's Hospital.

"Inasmuch as this matter is one of great importance to us, we will very much appreciate a prompt reply to this letter indicating what action has been taken in the matter of Dr. Selders' application.

"Very sincerely yours,

"W. C. Kirkpatrick

"President."

By Mr. Lewin:

Q.—Now I hand you what purports to be a letter from Miss Gibson to you, dated Feb. 3, 1938, and ask if you received that in reply to your letter of February 2.

A.—I did.

Mr. Lewin:—Exhibit 375 is a letter from the superintendent of Children's Hospital, Miss Gibson, to Mr. Kirkpatrick, dated Feb. 3, 1938:

U. S. EXHIBIT 375

"Dear Mr. Kirkpatrick:

"This refers to your letter of February 2nd regarding Dr. Selders' application for courtesy privilege at this Hospital.

"As is our custom, we have referred this matter to the Credentials Committee of our Medical Staff and we shall see that you are promptly informed when that Committee has acted upon Dr. Selders' application.

"With all good wishes to you, I am

"Sincerely yours, Mattie M. Gibson, Superintendent."

By Mr. Lewin:

Q.—Now, did you receive any further word or notification from Miss Gibson or the Children's Hospital between that time and July 28, 1938?

A.—I did not.

Q.—Did you write again to the hospital on July 28, 1938?

A.—I did.

Q.—And did you write a similar letter to all of the other hospitals?

A.—I think substantially all of them, if not all of them.

Q.—Yes. Now, I show you what purports to be a copy of your letter dated July 28, 1938, addressed to Mr. Charles D. Drayton, the President of the Board of Trustees of Children's Hospital.

A.—That is a copy of the letter I wrote.

Q.—Yes. And you say the letter which you sent to almost all the others was exactly the same?

A.—I think it was identical.

Q.—What was the purpose of sending this letter, Mr. Kirkpatrick?

Mr. Leahy:—I object. The letter speaks for itself.

Mr. Lewin:—No. Just the purpose.

Mr. Leahy:—That may be.

Mr. Lewin:—Take a look at it, if you care to.

(Mr. Leahy examined paper.)

This is Government's Exhibit 376, which is a letter from Mr. Kirkpatrick to Mr. Drayton, President of the Board of Trustees of Children's Hospital, dated July 28, 1938:

U. S. EXHIBIT 376

"My dear Mr. Drayton:

"In view of Justice Bailey's decision yesterday establishing the legality of Group Health Association, Inc., it is respectfully requested that Dr. Raymond E. Selders, a member of our staff, be admitted to the courtesy staff of Children's Hospital, and that he may attend members of this Association admitted as patients there.

"We shall appreciate the courtesy of an early reply.

"Very truly yours, W. C. Kirkpatrick, President."

By Mr. Lewin:

Q.—Now, I would like to ask you who is Justice Bailey to whom you refer.

THE COURT:—I will tell you who he is.

Mr. Lewin:—I would like the jury to know.

THE COURT:—I think we all understand he is a member of this Court.

Mr. Lewin:—A member of this Court.

By Mr. Lewin:

Q.—And what was the decision you were referring to?

A.—Decision in declaratory judgment.

Mr. Leahy:—I object. Just the fact.

Mr. Lewin:—That is all we are asking for.

THE WITNESS:—It is in the matter of a declaratory judgment brought by Group Health Association.

By Mr. Lewin:

Q.—When was the suit for declaratory judgment brought by Group Health Association?

A.—In January 1938.

Q.—January 1938. And it was brought before Justice Bailey of this Court?

A.—That's right.

Q.—And do you remember what character of judgment it sought?

A.—To declare whether or not we were a corporation illegally engaged in the practice of medicine and whether we were engaged in the insurance business.

Q.—And was Justice Bailey's decision on that law favorable or unfavorable?

A.—Favorable to our Association in both instances.

Q.—And what was it?

A.—Generally that we were not engaged in any way in the practice of medicine; that we were in no way involved in the business of insurance.

Q.—And was the purpose of that letter to bring that to the attention of these hospitals?

A.—In the light of that decision to again renew our plea for admission of those doctors to those hospitals.

Mr. Lewin:—Government Exhibit 377 is a letter on the letterhead of Charles D. Drayton, dated Aug. 4, 1938, and reads:

U. S. EXHIBIT 377

"My dear Mr. Kirkpatrick:

"Yours of July 28th has been forwarded to me here.

"As soon as our board meets in September I shall take up the question as to what position we should now take respecting Group Health Association, Inc., and advise you on behalf of Children's Hospital. Since the matter is one of great importance and since our position heretofore has resulted from formal action taken by our board, you will understand that I am not able now to announce any change. I trust, therefore, you will allow us sufficient time to reconsider the matter in the light of subsequent developments.

"Very truly yours, Charles D. Drayton,
President, The Children's Hospital."

Now, did you respond to that letter?

A.—Yes, sir.

U. S. EXHIBIT 378

"Dear Mr. Drayton:

"Thank you very much indeed for your letter of Aug. 4, 1938.

"It will be entirely satisfactory to the Association if you will take up at your next Board of Trustees meeting the question of Dr. Selder's admission to the courtesy staff of Children's Hospital.

"Very truly yours, W. C. Kirkpatrick, President."

By Mr. Lewin:

Q.—Now, did you hear anything further from Mr. Drayton and the Children's Hospital between that time and Sept. 16, 1938?

A.—No, sir.

U. S. EXHIBIT 379

"Dear Mr. Drayton:

"On Aug. 4, 1938, in response to my letter of July 28, 1938, you were good enough to advise me that the subject matter of my letter would be referred to your Board of Directors some time in September.

"I shall appreciate it very much if I may be advised by you whether or not your Board has yet had an opportunity to give consideration to the subject matter of my letter of July 28, 1938.

"Very truly yours, W. C. Kirkpatrick, President."

Q.—Did you receive a reply from Mr. Drayton, the President of Children's Hospital (indicating)?

A.—This letter was in response to that last letter.

U. S. EXHIBIT 380

"Dear Mr. Kirkpatrick:

"Replying to yours of September 16th"—

THE COURT:—A little louder, please.

Mr. Lewin (continues reading):

"When I wrote you that The Children's Hospital Board would meet in September, I was under a misapprehension. We have no September meeting, but just as soon as the matter can be given consideration at the October 10th meeting, I will advise you further concerning our position.

"Very truly yours, Charles D. Drayton, President."

By Mr. Lewin:

Q.—Did you receive another letter from Mr. Drayton?

A.—Yes, sir.

U. S. EXHIBIT 381

"Dear Mr. Kirkpatrick:

"I have not been more prompt in replying to your several communications dated July 28 and Aug. 6, 1938, asking that Dr. Raymond E. Selders, a member of your staff, be admitted to the courtesy staff of The Children's Hospital, and that he may attend members of your association admitted as patients there, for the reason that, in view of the several court proceedings now under way involving Group Health Association, Inc., it did not seem possible for us to give any final answer on any aspect of the controversy.

"I believe you have been heretofore furnished with a copy of the memorandum of April 1, 1938, embodying the rule promulgated by our medical staff and adopted by our Board governing admissions to the hospital where an emergency exists and also the attendance upon such children of members of your staff. However, I am enclosing herewith another copy of that memorandum.

"Yours very truly, Charles D. Drayton, President."

By Mr. Lewin:

Q.—Mr. Kirkpatrick, had you received before that time this copy of the memorandum that Mr. Drayton refers to?

A.—No. This is the first time I ever saw that.

Q.—The first time you ever saw it. Now, he talks about several court proceedings now under way. When was the Bailey decision?

A.—Handed down July 27, 1938.

Q.—What court proceedings was he referring to in this letter? Were there any court proceedings?

A.—I don't know of any other court proceedings at the time of that letter.

Q.—Did you know anything about a bill in equity being filed by certain members of the District Medical Society in August 1938?

A.—There was a bill. I don't know what you call a bill in equity but there was some legal action brought by three members of the Medical Society, Ruff and Titus, and I have forgotten the other's name.

Q.—Prentiss Willson. A defendant in this case?

A.—If he is a defendant in this case?

Q.—Could you tell us what the nature of that suit was?

A.—If I understand it, it was a suit to enjoin us from operating.

Q.—And it was filed after the decision of Justice Bailey. This is in August. Can you state what the general grounds were for enjoining you?

A.—I think they were substantially the same grounds that were involved in the suit for declaratory judgment, namely, that we were a corporation illegally engaged in the practice of medicine and that we were in the insurance business.

Q.—Can you think of any other court proceedings that were pending at that time when this letter of Nov. 2, 1938, was written?

A.—Well, I think the grand jury proceedings.

Q.—Grand jury proceedings?

A.—Yes.

Q.—Can you think of any others?

A.—The one we just referred to, the three doctors.

THE COURT:—What date is the indictment?

Mr. Lewin:—The date of the indictment is Dec. 20, 1938. That is over a month after this letter was written.

The Witness:—You asked me if I knew what he was referring to. I don't know what he was referring to but I know what was going on.

By Mr. Lewin:

Q.—Were the Group Health doctors ever admitted to the Children's Hospital during the period in which you were president?

A.—No, sir.

Q.—That is, down to the date in the indictment, Dec. 20, 1938, they were not admitted?

A.—No, sir.

Q.—And the letter I have just read you from Mr. Drayton is the last communication you received from them?

A.—That is correct.

(Mr. Lewin then took the witness over a similar series of letters covering correspondence with Columbia Hospital and Dr. Percy M. Ashburn.)

(The attorney, Mr. Lewin, then took the witness over the correspondence with Emergency Hospital and Mr. Gist Blair and Mr. B. B. Sandidge.)

The correspondence indicated that Emergency Hospital had refused Dr. Selders a place on its staff and had stated patients could be admitted only for doctors on the staff. A conference was held between Major Blair, Dr. Mitchell, Mr. Sandidge, Mr. Horace Russell and Mr. Kirkpatrick.

Next came similar correspondence between Penniman and Kirkpatrick and the Episcopal Eye, Ear and Throat Hospital represented by Henry P. Blair.

Admission to the courtesy staff had been requested for Dr. Virginius Dabney.

By Mr. Lewin:

Q.—Did you receive any reply or replies from the Episcopal Hospital from Mr. Blair to either of your letters, dated July 28, 1938, or Sept. 16, 1938?

A.—No, sir, never did.

Q.—You had no further word from them down to the date of the indictment?

A.—No, sir.

Q.—Let me ask you this: In the spring of 1938 were any of the Group Health patients—or let us put it this way: Were any persons, members of Group Health Association, actually treated at the Episcopal Eye, Ear and Throat Hospital?

A.—Yes, some 50 or 60 of them.

Q.—Who treated them?

A.—Dr. Dabney.

Q.—What was the arrangement?

A.—The arrangement was that Dr. Dabney took these patients in, you might say, through the back door.

Mr. Leahy:—I object to the characterization by the witness. I move to strike his answer.

THE COURT:—Yes, it is a characterization; it will be stricken.

By Mr. Lewin:

Q.—Well, how did he take them in?

A.—Took them in as his own private patients without reference to Group Health.

Mr. Leahy:—I object to that; that must be based on hearsay.

Mr. Lewin:—It is not hearsay; it is within the knowledge of the witness.

Mr. Leahy:—The fact that Dr. Dabney may or may not have treated these persons as his private patients at the Episcopal Hospital could be nothing else than hearsay, and I move to strike the answer.

Mr. Lewin:—No, it is not hearsay. You might just as well say that to all of this. The best evidence rule applies to documents; it has no application to oral testimony within the knowledge of the witness.

THE COURT:—I sustain the objection. Unless this gentleman was here how could he know?

Mr. Lewin:—He knew because this line of correspondence shows he was head over heels engaged in this controversy personally.

THE COURT:—If you can indicate how he could have had any personal knowledge of this matter, all right; otherwise it would be hearsay.

Then came correspondence between Penniman and Kirkpatrick with Dr. W. A. Bloedorn, Medical Director, George Washington University Hospital, in which Dr. Selders had been refused hospital privileges.

Attempts had also been made to secure courtesy staff privileges at the Eastern Dispensary and Casualty Hospital.

A conference was held between Mr. Kirkpatrick, Mr. Ormand Loomis, executive assistant of the Home Owners' Loan Board, who was secretary to Mr. Fahey; Mr. Baker, its treasurer, and another director with Mr. Rogers, the superintendent of the hospital, and Dr. Richard Young, chief of the medical staff. They discussed admission of members of the staff to the courtesy staff at the Casualty Hospital.

The letters indicated that the hospital had referred the matter to the medical staff and thereafter had failed to appoint Dr. Selders. There followed correspondence with Dr. Lewis H. Taylor, President, Sibley Memorial Hospital.

FEBRUARY 24, AFTERNOON

On Feb. 24, 1938:

U. S. EXHIBIT 412

"My dear Doctor Selders:

"Your application for Medical, Major and Minor Surgical, and Major Gynecological privileges in Sibley Memorial Hospital were, at your request, again submitted to the Executive Committee of the Medical Council of Sibley Memorial Hospital for reconsideration of their action in refusing the same.

"I regret to inform you that the Committee did not reverse its action and your request has been refused.

"Very sincerely yours,
Lewis H. Taylor, M.D.
"President, Sibley Memorial Hospital."

Next came correspondence with Mr. Eisenman, secretary and Mr. Aspinwall, president of Garfield Memorial Hospital.

A conference had been held between Mr. Kirkpatrick, Mr. Aspinwall, Mr. Ormand Loomis and Mr. Louis Reed of the Social Security Board. The final letter indicated the Staff of the Hospital had made no recommendation relative to the appointment of Dr. Selders to the Courtesy Staff.

Then came correspondence with the Very Reverend Arthur A. O'Leary, S. J., President, Georgetown University.

Government's Exhibit 442 is Father O'Leary's response dated Oct. 11, 1938:

U. S. EXHIBIT 442

"Dear Mr. Kirkpatrick:

"In reply to your letter of Sept. 16th, 1938, I wish to state that at the meeting of the Executive Staff of Georgetown University Hospital, held yesterday, it was the decision of the Staff that no change should be made in the case of the refusal to admit Dr. Raymond E. Selders to the Courtesy Staff of Georgetown University Hospital.

"Dr. Selders was informed on March 4, 1938, by Dr. Fred O. Coe, Secretary of the Executive Staff, that his application to treat minor surgical, major surgical and gynecological cases at the hospital had been rejected.

"Very truly yours,
"Arthur A. O'Leary, S.J., President."

Next were letters to Dr. J. Gregg Custis, executive officer, Board of Trustees and Fred McGee, president of the Board of Trustees of National Homeopathic Hospital.

The government then presented correspondence between W. C. Kirkpatrick and H. E. Rice, credit manager, Washington Sanitarium and Hospital, Takoma Park, Washington, D. C.; Robert A. Hare, M.D., and W. C. Kirkpatrick.

There were also letters from Mr. Kirkpatrick to Dr. Caylor, the secretary of Providence Hospital.

And another from Mr. Kirkpatrick to Sister Rosa, the acting president of the board of trustees of Providence Hospital.

Mr. Kirkpatrick testified in reply to questions that he and Mr. Ivan Carson, a trustee of G. H. A., Inc., had called on Mr. Rice, credit manager of the Washington Sanitarium and Hospital at Takoma Park, Maryland.

Q.—Do you know why application had not been made to that hospital before that time?

A.—Well, that hospital is located just outside of the District of Columbia, and we felt somewhat impelled to use the hospitals in the city before we went elsewhere.

There followed discussion between attorneys on admissibility of evidence.

By Mr. Lewin:

Q.—Mr. Kirkpatrick, by December 20, 1938, when this indictment was returned, what was the situation with regard to the hospitalization of Group Health Association patients? How many at that time were awaiting hospitalization and elective surgical operations?

A.—About that time the number was in the neighborhood of forty-five.

Q.—And, now, what had happened during 1938 to account for the difference between the number that was waiting when you assumed office at the beginning of the year and this lesser number awaiting in December?

A.—Well, as these were all elective cases, some of them concluded, along with their physician, that they could postpone—

Mr. Leahy:—I object; that would be pure hearsay, if your Honor please.

Mr. Lewin:—I don't think it is hearsay.

THE COURT:—Well, I think he may say it was postponed, if that is a fact, without stating the conclusions of others or himself about it.

THE WITNESS:—The operations were postponed, and in other cases they resorted to outside physicians to have the operations performed.

. . . . . .

Q.—And how were those doctors compensated; do you know?

By Mr. Lewin:

Q.—Now, who compensated those outside doctors who were not on the staff of Group Health Association, who performed these operations on Group Health members during '38?

A.—Group Health Association compensated them.

Q.—So that was an additional expense for medical service to the salaries that you paid your regular staff?

A.—It was.

Q.—And why was it necessary for them to seek these outside doctors?

Mr. Leahy:—I object, if your Honor please.

THE WITNESS:—Because the hospitals would not admit our physicians.

Mr. Leahy:—Wait just a minute.

THE COURT:—I thought you said—

Mr. Leahy:—I don't think it is competent, if your Honor please.

Mr. Burke:—Argumentative. The question starts with "why." It is an argumentative question.

Mr. Lewin:—All questions starting with "why" are banned?

THE COURT:—What was the question, Mr. Lewin?

Mr. Lewin:—I want to know why it was necessary for these members of Group Health to seek these outside doctors.

Mr. Leahy:—How would he know except from hearsay?

Mr. Lewin:—Oh, mercy! Hearsay! You are overworking that.

Mr. Leahy:—I don't think so, if your Honor please.

THE COURT:—I think it is in the form of a conclusion, isn't it?

Mr. Lewin:—He paid the bills for all those.

Mr. Leahy:—It does not answer the question.

THE COURT:—I am agreeing with you absolutely.

Mr. Lewin:—You agree with me?

THE COURT:—Except that I think he should state why he paid them, why it was necessary for him to employ them and pay them.

Mr. Lewin:—That is what I wanted to know. According to Mr. Burke's idea any question beginning with "Why" is bad.

THE COURT:—You sometimes misconstrue my remarks. I am with you.

Mr. Lewin:—I am so pleasantly surprised, your Honor.

By Mr. Lewin:

Q.—Now, Mr. Kirkpatrick, tell us—

The Witness:—May I have the question repeated, please?

Mr. Lewin:—Gracious, I am afraid to do it.

Mr. Leahy:—Go ahead; ask it again.

THE COURT:—Let me put the question; then there will be no objection to it.

Mr. Richardson:—I am not so sure about that.

BY THE COURT:

Q.—What was your reason for compensating these doctors?

A.—Well, primarily because they presented us a bill for their services.

Q.—Well, what was your current obligation?

A.—Well, these members of Group Health Association were entitled to receive this service, and if we couldn't supply it with our own staff we felt obligated to supply it elsewhere.

THE COURT:—I think that covers it.

By Mr. Lewin:

Q.—Why couldn't you supply it with your own staff?

A.—For the reason that our own staff was not admitted to the hospitals to perform the operations that were needed.

Q.—Yes, sir. All right.

Now, I shall show you Government's Exhibit 458 and ask you if that is a copy of your letter to the defendant Thomas E. Neill, president of the Medical Society of the District of Columbia, dated March 21, 1938.

A.—It is.

Q.—I show you Government's Exhibit 459 and ask you if that is the defendant Neill's response to you, dated March 22, 1938.

A.—That is the response to that letter.

Q.—I show you Government's Exhibit 460 and ask you if that is a letter which you received from the defendant Neill, dated April 11, 1938.

A.—It is.

Q.—And I show you Government's Exhibit 461 and ask you whether that is a copy of your reply to Dr. Neill, dated April 19, 1938.

A.—That is a copy of my reply.

Mr. Lewin:—Yes. I offer those letters in evidence.

Here followed discussion of admissibility of evidence consisting of letters between G. H. A., Inc., and the hospitals. The letters were written by R. T. Berry, secretary of G. H. A., Inc.

(Handing letters to Mr. Leahy.)

(Letters heretofore marked Government's Exhibits 458 through 461, inclusive, for identification, were offered in evidence.)

FEBRUARY 25

THE COURT:—Members of the jury: One of our alternate jurors is absent. We have a report that he is quite sick. I haven't yet any report as to exactly what his illness is, but I am informed it is something in the nature of an acute cold or influenza. I have taken the matter up with the attorneys and they have reached the understanding that they will let the matter go over until tomorrow.

FEBRUARY 26—MORNING

(The trial proceeded in the absence of the alternate juror who was ill.)

Mr. Lewin:—May it please the Court, I should like to begin this morning with the reading of two exhibits which have been received in evidence:

EXHIBIT 458

Mr. Lewin:—Exhibit 458 is a letter from Mr. Kirkpatrick, president of Group Health Association, Inc., to the defendant Thomas E. Neill, president of the Medical Society of the District of Columbia, dated March 21, 1938:

"Dear Dr. Neill:

"A situation arose yesterday, March 20, in regard to a member of Group Health Association who is seriously ill with coronary thrombosis, which gives us the gravest concern for the welfare of 2,500 members of our Association and their 3,500 dependents. If the instructions you are reported to have issued to a distinguished physician in good standing with the Medical Society of the District of Columbia are correctly reported to us, your action not only discredits the medical profession as a whole but would violate every humane precept that has been the cornerstone of the practice of medicine since the time of Hippocrates.

"The facts as reported to me in my official capacity as President of Group Health Association are these:

"Dr. Richard H. Price, a member of the Group Health medical staff, has been attending a patient, a member of Group Health Association who has been suffering from a serious heart affliction known as coronary thrombosis. His condition reached such a serious stage yesterday that Dr. Price wished to call into consultation on the case a heart specialist of repute, who is a member of your Society. Dr. Price reports he was informed by this physician that he had been advised by you that he would not be permitted to enter into such a consultation. Dr. Price reports him as saying in effect that you had ruled no member of the Medical Society of the District of Columbia could consult with a physician on the staff of G. H. A.; that he could not visit a member of ours or render any service in the presence of a Group Health physician, regardless of the critical nature of the case; that any contact or 'consultation' between this physician and a staff physician of Group Health would have to be confined to formal notes or conversation on the telephone.

"Dr. Price concurred with me that every concession should be made in order to obtain the services of this heart specialist for this patient and such arrangements were immediately concluded. Dr. Price informs me that the physician was both sympathetic and willing to give his services in any form consistent with the rules of the Medical Society of the District of Columbia. We appreciate his attitude and are happy to have obtained his services in view of the critical nature of the patient's illness.

"I feel sure that a gross misunderstanding has taken place as it is inconceivable that you, as President of the District Society, would take such an autocratic stand in committing the medical profession to an inhumane policy. If true, your leadership of the Medical Society has not only barred GHA physicians from their right to administer to human needs in the hospitals of Washington but from their right and their duty to avail themselves of the benefits of consultation with other leaders of the Medical profession in administering to their patients.

"It is vitally important that we have a clear understanding of your position in the matter immediately. I, therefore, await word from you.

"Your very truly,
"W. C. Kirkpatrick,
"President."

U. S. EXHIBIT 459

Mr. Lewin:—I will now read Government Exhibit 459, which is Dr. Neill's response to Mr. Kirkpatrick's letter, which is dated March 22, 1938, written on the letterhead of The Medical Society of the District of Columbia:

"My dear Mr. Kirkpatrick:

"I acknowledge your letter of March 21st in which you refer to the occasion when Dr. Richard H. Price, a member of the medical staff of the Group Health Association is said to have endeavored to enlist the services of a member of the Medical Society of the District of Columbia as a consultant in connection with the treatment of a member of your Association.

"In view of the statements contained in your letter, and the wide publicity given to it in the public press, it is obvious that the primary purpose of your communication is to create in the public mind an erroneous impression as to the attitude of the Medical Society of the District of Columbia and the members thereof in rendering medical aid to the community in general.

"In order to have a proper appreciation of the questions involved it is first necessary to have a correct understanding of the facts. In the case referred to by you, it is my understanding that the services of the consultant in question were solicited by a member of the family of the patient because of the fact that on a prior occasion he had treated a member of the family of the patient for a like ailment. When it developed that the patient was being treated by Dr. Richard H. Price, a member of the staff of the Group Health Association, the consultant sought my advice as to whether it was permissible under the Constitution of the Society for him to enter into consultation with a member of your medical staff. Having in mind the Constitution of the Medical Society, which provides that:

'No member of the Society shall engage in any professional capacity whatsoever with any organization, group or individual, by whatever name called or however organized, engaged in the practice of medicine within the District of Columbia or within ten miles thereof, which has not been approved by the Society.'

and considering the fact that the Group Health Association has not been approved by the Medical Society, I advised the consultant that under the provisions of the Constitution of the Society, he was not authorized to enter into consultation with Dr. Price.

"I am advised that the consultant informed Doctor Price that while he could not see the patient in consultation, nevertheless, he would gladly see the patient independently and render whatever medical service might be needed. Agreeable to the wishes of the patient, the consultant called upon him, made a diagnosis and gave advice as to treatment, all of which was communicated to Doctor Price.

"A frank and fair disclosure of the facts clearly indicates that the best interests of the patient were in every respect safeguarded, and in no wise did he suffer any detriment.

"The Group Health Association is engaged in the practice of medicine in the District of Columbia in violation of the provisions of the Act of Congress known as the 'Healing Arts Practice Act,' in force in this District, which is a comprehensive act for the government, regulation and control of the practice of medicine. Because of the fact that the Group Health Association is illegally engaged in the practice of medicine, it has not, and cannot, be approved by the Medical Society as a proper organization to engage in the practice of medicine in this District.

"Notwithstanding the fact that the United States District Attorney has ruled that the Group Health Association is engaged in the practice of medicine in violation of law, nevertheless, it has persisted in the continuance of this illegal practice. The Constitution of the Medical Society is binding upon its members, and as President of the Society, I am obligated, when called upon, to advise the members of the Society that the provisions of its Constitution are mandatory and must be adhered to.

"I have no discretion to suspend the provisions of the Constitution of the Society, and so long as the Group Health Association persists in the practice of medicine in violation of law, it is my bounden duty to advise the members of the Society that under its Constitution they are not authorized to enter into consultation with the hired agents of the Group Health Association.

"In conclusion, I desire to emphasize that this does not mean that the members of the Group Health Association, or any other members of the community, will be deprived of proper medical attention. On the contrary, the members of the Medical Society stand ready at all times to render necessary and proper medical attention to all persons in the community, including the members of the Group Health Association.

"Very truly yours,
"Thomas E. Neill
"Thomas E. Neill, M.D., President,
"The Medical Society of the District of Columbia."

U. S. EXHIBIT 322

Mr. Kelleher:

"Report of Hospital Committee Submitted Nov. 11, 1937:

"In view of the resolution adopted by The Medical Society of the District of Columbia on the evening of Nov. 3, 1937, the Hospital Committee held a meeting, at my office, on the evening of Nov. 9, 1937 and recommends that the Medical Society of The District of Columbia send the following resolution to the medical boards of the various local hospitals for interpretation to the Boards of Directors of those hospitals:

"That the hospitals accept patients from Group Health Association, Inc., provided that Group Health Association, Inc., is responsible for their financial obligations; that these patients only be treated by the attending, associate, assistant and courtesy staff physicians of the respective local hospitals.

"J. Ogle Warfield Jr.
"Chairman, Hospital Committee."

Mr. Kelleher:—At the bottom is a handwritten note which reads as follows:

"The Med. Soc. of D. C. voted on Nov. 11, 1937 to recommit their report to the Hospital Committee for further consideration."

U. S. EXHIBIT 323

Mr. Kelleher:—Exhibit 323 is written on the letterhead of Dr. J. Ogle Warfield Jr. This is headed "Report of the Hospital Committee, Dec. 1, 1937":

"The Hospital Committee submits the following resolution:

"*Resolved*, That as a matter of educational policy the Medical Society of D. C. strongly recommends that all hospitals engaged in the teaching and training of residents, interns, and nurses, where possible, follow the recommendation of The American Medical Association regarding the constitution of their entire Medical Staffs, namely, that each appointee be a member of the Medical Society of D. C. or a local Medical Society in this immediate neighborhood and a member of American Medical Association.

"Mr. President, I move that this resolution be adopted and a copy of it be sent to each of the local hospitals.

"J. Ogle Warfield Jr.
"Chairman, Hospital Committee."

U. S. EXHIBIT 83

Mr. Kelleher:—Exhibit 83 is an original letter from the defendant C. B. Conklin, Secretary, The Medical Society of the District of Columbia to Dr. J. Ogle Warfield Jr., Chairman, Committee on Hospitals, The Medical Society of the District of Columbia, Washington, D. C., dated Feb. 25, 1938:

"Dear Doctor Warfield:

"Pursuant to action of the Executive Committee, in session on the evening of Feb. 21, 1938, the enclosed resolution, which was presented to the Society at the Business Meeting in February, was ordered referred to the Hospital Committee for consideration and report.

"Very truly yours,
"C. B. Conklin, M.D.,
"Secretary."

Mr. Kelleher:—And the enclosed resolution is as follows:

"Resolution presented at the Business Meeting of the Medical Society of the District of Columbia, in session on Feb. 2, 1938, by Dr. Thomas P. Mattingly; ordered referred to the Executive Committee for consideration and report.

"That the proper agency of the Medical Society be instructed to present at our next stated meeting the facts relating to the present status of Group Health physicians at the various Washington hospitals preliminary to appropriate disciplinary action, in event any hospital has ignored the Medical Society's wishes in the premises."

U. S. EXHIBIT 313

Mr. Kelleher:—Exhibit 313 is an original letter from the defendant Dr. Warfield:

"Feb. 3, 1938.

"Dr. W. Warren Sager,
1835 Eye Street N.W.,
Washington, D. C.

"Dear Dr. Sager:

"I would appreciate your inquiring of your hospital which you represent on the Hospital Committee whether any action has been taken on the names or applications of physicians or surgeons connected with Group Health Association, Inc., also has your hospital recently revised its lists of courtesy and staff physicians and surgeons?

"Sincerely,
"J. Ogle Warfield Jr.
"Chairman, Hospital Committee."

U. S. EXHIBIT 312

Mr. Kelleher:—Exhibit 312 is headed "Committee on Hospitals"—the testimony is that a letter similar to Exhibit 313 went to all of the members of the hospital committee, listed on Exhibit 312, and their names are as follows:

"Committee on Hospitals
"1937-38
"(Garfield) Chairman: J. Ogle Warfield Jr.
"Children's—1726 Eye Street N.W., Washington, D. C.
"Georgetown—Leon A. Martel, 1801 Eye Street, N.W. Na. 7200.
"Episcopal—William H. Jenkins, The Connecticut Apts. Di. 3200.
"Homeopathic—Gregg C. Birdsall, 1832 Kalorama Rd. N.W., Co. 3350.
"Casualty—J. Rogers Young, 1400 M Street, N.W., Met. 2419.
"Emergency—William B. Marbury, 2238 Q Street, N.W., No. 8600.
"Columbia—Jerome F. Crowley, The Connecticut Apts., Di. 3200.
"Providence—J. P. Shearer, Farragut Medical Bldg., Di. 5870.
"G. Washington—W. Warren Sager, 1835 Eye Street, N.W., Na. 7200.
"John H. Trinder, 1746 K Street, N.W., Di. 4620.
"Sibley—Jessie T. Mann, 1024 Mass. Ave., N.E., Li. 6440.
"Counsel for Medical Society of D. C.—
"Frederick A. Fenning, 940 Shoreham Building, Washington, D. C. Phone: National 1194.
"President of Medical Society of D. C.—
"Dr. Thomas E. Neill, 1824 Mass. Ave., N.W. Phone: Decatur 1707 or "2810 35th Street, N.W. Phone: Cleveland 0026."

Mr. Kelleher:—Exhibits 314 through 321 are replies which the defendant Dr. Warfield received in response to letters sent to members of the committee.

U. S. EXHIBIT 321

Mr. Kelleher:—Exhibit 321 is written on the letterhead of Earle G. Breeding. It is dated Feb. 8, 1938, and addressed to Dr. John H. Trinder, The Parkwood, 1746 K Street N.W., Washington, D. C.:

"Dear Doctor:

"Referring to the enclosed inquiry of Dr. Warfield, I wish to advise there have been no applications of physicians or surgeons connected with the Group Health Association, Inc., for the courtesy of the Episcopal Hospital to date.

"The Hospital has recently revised its courtesy list and this list may be obtained by applying to the Superintendent of the Hospital if your committee requests it.

"If any further information is required, I will be glad to give it to you or you may obtain same from the acting Superintendent.

"Very sincerely,
"Earle G. Breeding, M.D."

U. S. EXHIBIT 320

Mr. Kelleher:—Exhibit 320 is a letter dated Feb. 4, 1938, under the letterhead of Columbia Hospital for Women, signed by P. M. Ashburn, Superintendent, addressed to Dr. J. Ogle Warfield Jr., 1726 Eye Street N.W., Washington, D. C. It reads:

"My dear Doctor Warfield:

"Dr. Jerome F. Crowley has asked me if I would give you the information which you request in your letter to him dated February 3, and I take pleasure in doing so.

"This hospital has not as yet taken any action on the application of any physician or surgeon connected with the Group Health Association.

"This hospital has not recently revised its list of courtesy and staff physicians and surgeons.

"Very truly yours,
"P. M. Ashburn,
"Superintendent."

U. S. EXHIBIT 319

Mr. Kelleher:—Exhibit 319 is an original letter under the letterhead of the National Homeopathic Hospital, Washington, D. C., from Frances Whitlock Hall, Superintendent of that hospital, to Dr. J. Ogle Warfield Jr., Chairman, Hospital Committee, 1726 Eye Street N.W., Washington, D. C.

"My dear Dr. Warfield:

"In compliance with your request to Dr. Birdsall, I am enclosing copies of the two letters, one of which is being sent to every member of our Courtesy Staff of 1937.

"I am also enclosing copy of a letter sent to Mr. Penniman under date of Nov. 9, 1937.

"I believe the letters are self-explanatory in showing that the hospital has recently revised its list of courtesy and staff physicians and surgeons, excluding those who are not members of an organized Medical Society.

"Sincerely,
"Frances Whitlock Hall,
"Superintendent."

U. S. EXHIBIT 318

Mr. Kelleher:—It is Exhibit 318, dated March 18, 1938. It is under the letterhead of National Homeopathic Hospital, Washington, D. C. It reads as follows:

"The Trustees of the National Homeopathic Hospital are revising the Courtesy Staff for 1938. We wish to add your name to the Staff but find that the Medical Society of the District of Columbia does not list your name among its members.

"The rules of the Hospital governing staff members requires membership in a local medical society of the District of Columbia, nearby Maryland, or Virginia.

"Will you kindly advise me if you belong to any of the medical societies, at your earliest convenience.

"Yours very truly,"

U. S. EXHIBIT 317

Mr. Kelleher:—Exhibit 317 is a letter under the letterhead of National Homeopathic Hospital, from Fred McKee, to the defendant Dr. J. O. Warfield, Chairman of American Medical Association Committee, 1726 Eye Street N.W., Washington, D. C.:

"Dear Dr. Warfield:

"I am enclosing you herewith for your files, copy of letter written to each member of our Courtesy Staff, and also a copy of letter that has been written to those who we found were on the list, but were not members of any medical association.

"Your very truly,
"Fred McKee
"President,
"Board of Trustees."

U. S. EXHIBIT 316

Mr. Kelleher:—Exhibit 316 is a handwritten letter from G. C. Birdsall, M.D., 1832 Kalorama Road, Washington, D. C., dated Feb. 10, 1938:

"Dear Doctor:

"The National Homeo. Hospital met all requirements when appointing staff and courtesy staff. I asked the superintendent to mail you copies of the letters which were mailed out. All members were required to be affiliated with organized medical society either in the District or surrounding adjacent counties. A few of the younger men were given to May to affiliate themselves with their medical society before their applications could be accepted.

"Very truly,
"G. C. Birdsall."

U. S. EXHIBIT 315

Mr. Kelleher:—Exhibit 315 is a letter from Dr. William B. Marbury to the defendant Dr. J. Ogle Warfield Jr., 1726 Eye Street N.W., Washington, D. C., dated Feb. 9, 1938.

"Dear Dr. Warfield:

"I have your letter of February 3rd. I have inquired at Emergency Hospital whether or not there has been any change in the situation in regard to the Group Health Association, and also whether there has been any revision of the courtesy list and staff appointments. Apparently the hospital has not taken any new action in regard to physicians of the Group Health Association, Inc. They cannot treat patients at Emergency Hospital because they do not belong to the D. C. Medical Society.

"The notices in regard to the courtesy list and staff physicians go out in April. There have been no recent changes in any of these appointments. I hope this gives you the information desired.

"Very sincerely yours,
"William B. Marbury."

U. S. EXHIBIT 314

Mr. Kelleher:—Exhibit 314 is an original letter from the defendant J. Rogers Young to the defendant J. Ogle Warfield Jr., dated Feb. 9, 1938:

"Dear Dr. Warfield:

"In response to your inquiry of February 3, I wish to inform you that the Eastern Dispensary and Casualty Hospital is at this time revising its lists of courtesy and staff physicians and surgeons. To date we have had no application from any physician or surgeon connected with the Group Health Association.

"If there is any further information I can give you regarding this matter, I shall be glad to cooperate with you in any way.

"Very truly yours,
"J. Rogers Young."

U. S. EXHIBIT 296

Mr. Kelleher:—Exhibit 296 is a questionnaire which was addressed to all the hospitals in Washington. 296, which was filled out and returned by the National Homeopathic Hospital.

"1. What communication has your hospital had from Group Health Association, Inc.?"

Answer (in pen handwriting): "Received circular letter dated November 8."

"2. What reply has your hospital made to Group Health Association, Inc.?

"No action would be taken until Group Health Assoc. was approved by D. C. Med. Soc.

"3. Which, if any of the following Doctors are now members of your Medical Staff in any capacity or have privileges to practice in your hospital?

"Dr. Henry Rolf Brown. No.
"Dr. Allan E. Lee. Yes.
"Dr. Mario Scandiffio. Yes.
"Dr. R. Stephen Hulburt. No.
"Dr. Raymond E. Selders. No.
"Dr. Edmond B. Wells. No."

In handwriting is the following note:

"Courtesy staff: Lee, obstetrics; Scandiffio, pediatrics; both have had patients in hospital formerly. Further action regarding them awaits the action taken by D. C. Med. Society."

Next question:

"4. Is your hospital in sympathy with the policies of The Medical Society of D. C.?

"Yes—one hundred per cent.

"5. Is the entire Medical Staff of your hospital reappointed annually?

"Yes.

"6. Are appointments to the Medical Staff of your hospital approved by the Medical Staff?

"Yes.

"7. What governing body of your hospital finally makes appointments to the Medical Staff?

"Board of Trustees.

"8. Does your hospital require membership in the Medical Society of D. C. as a qualification for appointments to its Medical Staff?

"Yes—Required since Jan. 1, 1937.

"9. What percentage of the entire medical staff of your hospital are members of the Medical Society of D. C.?

"One hundred per cent—not all of courtesy staff.

"10. Does your hospital require membership in the A. M. A. as a qualification for appointment to its Medical Staff?

"Only through membership in D. C. Med. Soc.

"11. What percentage of the entire Medical Staff of your hospital are members of the A. M. A.?

"One hundred per cent.

"12. Is your hospital a beneficiary of Community Chest funds?

"Yes.

"13. Will you kindly make any other inquiry that you think might be pertinent at this time?

"The Hospital wants to co-operate with D. C. Med. Soc.—Would like advice about course to pursue regarding applications from patients holding Group Health Assoc. Also regarding consultations in such cases.

"Frances Whitlock Hall,
"Superintendent."

"G. C. Birdsall—
"For Hospital Committee"

U. S. EXHIBIT 311

Mr. Kelleher:—Exhibit 311 is a handwritten memorandum, which has been identified as being in the handwriting of the defendant Warfield. At the top of one column is the word "Doctors"; at the top of the other is "Require membership in D. C. Medical Society," and listed on the left-hand column are the names of the Washington, D. C., hospitals.

"Georgetown—Doctor. None.
"Require membership in D. C. Medical Society. Yes.
"Episcopal—Doctor. None.
There is no answer to the question in the second column.
"Homeopathic." The name Scandiffio is stricken out and also the zero is stricken, in pen.
"Require membership in D. C. Medical Society. Yes.
The next is:
"Casualty—Doctor. None.
"Require membership in D. C. Medical Society.
"Qualified for membership in local Society."
"Emergency—Doctor. None.
"Require membership in D. C. Medical Society. Yes.
"Columbia—Doctor. None.
"Require membership in D. C. Medical Society. No.
"Providence—Doctor. None.
"Require membership in D. C. Medical Society. Yes.
"George Washington—Doctor. None.
"Require membership in D. C. Medical Society. No.
"Sibley—Doctor. Scandiffio.
"Require membership in D. C. Medical Society. No.
"Garfield—Doctor. None.
"Require membership in D. C. Medical Society. Yes.
"Childrens—Doctor. None.
"Require membership in D. C. Medical Society. Yes."

Exhibit 324 is offered only as against the defendant Warfield.

U. S. EXHIBIT 324

"Report of the Hospital Committee submitted to the Executive Committee of the Medical Society of the District of Columbia on March 28, 1938, and to Medical Society April 6, 1938.

"The Hospital Committee has purposely avoided the submission of a list of local hospitals for approval of the Medical Society. The eleven local hospitals therefore remain approved by the Medical Society as of Nov. 4, 1936. To have attempted to re-approve these hospitals last fall or this winter would have detrimentally created conflicts between the Medical Society and some of the local hospitals because of attempted enforcement of the provisions of Chapter IX, Article IV, Section five of the Constitution of the Medical Society."

Mr. Kelleher:—The first sentence of the second paragraph, or a portion thereof, is stricken, and inserted in handwriting of defendant Warfield are certain words. I will first read the sentence as it was originally and then the sentence as changed by Dr. Warfield.

"In an effort to hinder the operation of Group Health Association, Inc. in the local private hospitals, the Medical Society adopted a resolution on Nov. 3, 1937."

The sentence as changed reads as follows:

"In an effort to maintain the high standards of practice in the local private hospitals, the Medical Society adopted a resolution on Nov. 3, 1937 directing the Hospital Committee to recommend the best way of bringing the questions involved to the attention of the Medical boards and boards of directors of the various local hospitals to insure the maximum amount of accomplishment with the minimum amount of friction and conflict. On Dec. 1, 1937 the Hospital Committee submitted a resolution, which was adopted, that the Medical Society recommend to the hospitals that they follow the recommendation of the American Medical Association, namely that each hospital appointee be a member of his or her local medical society and a member of the American Medical Association.

"On Feb. 2, 1938 the Medical Society adopted a resolution requesting, at the next stated meeting, the facts relating to the present status of Group Health physicians at the various Washington hospitals."

And the rest of the sentence is stricken. It reads as follows:

"preliminary to appropriate disciplinary action in event any hospital had ignored the Medical Society's wishes in the premises."

Mr. Kelleher:—The report then continues:

"This resolution was referred to the Executive Committee and in turn to the Hospital Committee.

"The Hospital Committee reports that, at this time, the majority of local private hospitals contain in their by-laws a provision that a physician in order to practice in the hospital must be a member or qualified for membership in his or her local Medical Society.

"Only three of the local hospitals, (Columbia, Sibley and George Washington) have not followed this recommendation of the American Medical Association.

"All of the local private hospitals are co-operating fully with the Medical Society in respect to Group Health Association, Inc. At the present time only one of the local hospitals has on its staff list the name of a physician connected with Group Health Association, Inc. This hospital does not revise its staff list annually, as do the other hospitals, but it has assured the Chairman of the Hospital Committee that steps have been taken to deny this physician hospital privileges.

"The Hospital Committee urges that the Medical Society continue their full cooperation and avoid conflict with any of the local private hospitals.

"J. Ogle Warfield Jr.
"Chairman, Hospital Committee."

Mr. Kelleher:—I ask permission to pass to the jury for their inspection Exhibit 296, which is the questionnaire; 311, which is the handwritten memorandum of Dr. Warfield, and 324, which is a draft of full report.

Mr. Leahy:—I think the jury ought to be instructed by your Honor that this is simply a memorandum of Dr. Warfield's in his own handwriting; that it is only offered against him, and that there is no evidence in the world that any other defendant in this case had any knowledge of it whatsoever.

Mr. Lewin:—I am permitted to read an excerpt from Exhibit 325, which has been identified as the transcript of the record of the proceedings of the first session of the case before the Executive Committee of the Medical Society of the District of Columbia, which is entitled, "Compensation, Contract and Industrial Medicine Committee of the District of Columbia, Complainant, vs. Allan E. Lee and Mario Scandiffio, Defendants."

This session was held on Monday, Dec. 6, 1937, in the Hearing Room of the Medical Society of the District of Columbia.

"The above entitled matter came on for hearing before the Executive Committee of the Medical Society of the District of Columbia, pursuant to notice, at 8 o'clock p. m.

"Present: E. Hiram Reede (Chairman), John A. Reed, Henry R. Schreiber, Raymond T. Holden Jr., William T. Gill Jr., Thomas E. Neill, C. N. Chipman, William M. Sprigg, F. X. McGovern, H. C. Macatee, Sterling Ruffin, C. B. Conklin, and R. Arthur Hooe."

U. S. EXHIBIT 326

Mr. Lewin:—And from Exhibit 326, which is a transcript of the record of the second session, held on Dec. 10, 1937, in the Hearing Room of the Medical Society of the District of Columbia, Friday, Dec. 10, 1937:

"The hearing in the above-entitled matter before the Executive Committee of the Medical Society of the District of Columbia was resumed, pursuant to the adjournment, at 8 p. m.

"Present: E. Hiram Reede (chairman), Raymond T. Holden Jr., F. X. McGovern, Daniel L. Borden, Henry R. Schreiber, William M. Sprigg, Henry C. Macatee, R. Arthur Hooe, C. N. Chipman, John A. Reed, R. Lomax Wells, Earle G. Breeding and C. B. Conklin."

U. S. EXHIBIT 327

Mr. Lewin:—And from Exhibit 327, the transcript of the record of the third session, of that case, held in the Hearing Room of the Medical Society of the District of Columbia, on Thursday, Dec. 16, 1937:

"The hearing in the above-entitled matter before the Executive Committee of the Medical Society of the District of Columbia was resumed, pursuant to the adjournment, at 8 o'clock p. m.

"Present: E. Hiram Reede (chairman), Daniel L. Borden, C. N. Chipman, C. B. Conklin, H. A. Fowler, R. T. Holden Jr., R. Arthur Hooe, H. C. Macatee, F. X. McGovern, Thomas E. Neill, John A. Reed and Sterling Ruffin."

U. S. EXHIBIT 328

Mr. Lewin:—And from Exhibit 328, which is a transcript of the record of the fourth session of the Lee and Scandiffio trial held in the Hearing Room of the Medical Society of the District of Columbia on Monday, Dec. 20, 1937:

The above entitled matter came on for further hearing before the Executive Committee of the Medical Society of the District of Columbia, pursuant to adjournment, at 8 o'clock p. m.

"Present: E. Hiram Reede (chairman), Daniel L. Borden, C. N. Chipman, C. B. Conklin, H. A. Fowler, R. T. Holden Jr., R. Arthur Hooe, F. X. McGovern, Thomas E. Neill, John A. Reed, Sterling Ruffin and W. M. Sprigg."

Mr. Lewin:—Now, I wish to resume the reading of the minutes of the meetings of the District Medical Society of the District of Columbia. I had read up through the month of February, 1938. I will begin with March 2, 1938.

"Minutes of the stated meeting of the Medical Society of the District of Columbia, held Wednesday, March 2, 1938, at 8 p. m.

"Dr. Daniel B. Moffett, First Vice President, presiding.

"Present: Drs. Edgar M. McPeak, James A. Cannon, A. L. Stavely, Luther H. Reichelderfer, William J. Mallory, Don Johnston, Thomas C. Thompson, R. Arthur Hooe, Jerome F. Crowley, Henry A. Montat, Harry A. Spiegel, Victor B. Rench, J. Lawn Thompson, A. Frances Foye, William Gerry Morgan, H. C. Macatee, Arch L. Riddick, John H. Trimder, Oscar B. Hunter, Thomas E. Mattingly, W. C. Gwynn, and other members to the number of about 150.

"The Minutes of the preceding meeting, held February 23, were read and approved."

We now turn to page 3:

"Dr. Sprigg read from the agenda the notice sent to all members as follows:

"Notice to all members:

"You are hereby notified that pursuant to Chapter X, Article 11, of the Constitution of the Society, the report, finding and recommendation of the Executive Committee upon the charges made in writing under date of Nov. 22, 1937, by the Compensation, Contract and Industrial Medicine Committee against Mario Scandiffio, M.D., member of the Society, specifically charging him with having violated Chapter IX, Article III, Sections 1 and 2, and Chapter IX, Article IV, Section 5, of the Constitution of the Society, will be submitted at a meeting of the Society to be held Wednesday, March 2, 1938, at 8 P. M., in the Medical Society Building, for appropriate action by the Society pursuant to its Constitution.

"Dr. Sprigg, in continuing, read the following report, finding and recommendation of the Executive Committee:

"Washington, D. C.
"Feb. 21, 1938.

"The Medical Society of the District of Columbia.

"In the matter of Mario Scandiffio, M.D.

"Whereas, the Compensation, Contract and Industrial Medicine Committee, by its Chairman, R. Arthur Hooe, M.D., under date of Nov. 22, 1937, did submit in writing to the Executive Committee charges against Mario Scandiffio, M.D., a member of the Medical Society of the District of Columbia, specifically charging him with having violated Chapter IX, Article III, Sections 1 and 2, and Chapter IX, Article IV, Section 5, of the Constitution of the Society.

"And Whereas, after due notice to the said Mario Scandiffio, M.D., the Executive Committee did hold hearings at which the said Mario Scandiffio, M.D., with his counsel, did appear, did testify in his own behalf, did produce witnesses in his defense, and was accorded full and fair hearing in response to said charges; the said charges were fully and impartially investigated, and at the conclusion of the said hearings, arguments, both oral and written, were submitted by counsel for said Mario Scandiffio, M.D.

"Thereafter, all of the evidence adduced at the said hearings was duly considered by the Executive Committee, and upon consideration thereof, the said Executive Committee, by more than a two thirds vote, finds the said Mario Scandiffio, M.D., guilty of violating Chapter IX, Article III, Sections 1 and 2, and Chapter IX, Article IV, Section 5, of the Constitution of the Medical Society of the District of Columbia, as charged by the Compensation, Contract and Industrial Medicine Committee, and recommends that he be expelled from said Society.

"And it is further ordered, that the report, findings and recommendation of the Executive Committee be submitted in writing to the Medical Society of the District of Columbia at its next regular business meeting for such action as may be deemed proper pursuant to its Constitution.

"William Mercer Sprigg,
"Chairman, Executive Committee.

"Dr. Sprigg made a motion to the effect that the report of the Executive Committee be received and the matter of the recommendation be brought up for action by the Society at the meeting to be held on March 16, 1938. Seconded, and finally unanimously adopted."

. . . . . .

"Dr. R. Arthur Hooe was recognized. He stated that from time to time he and members of the Compensation, Contract and Industrial Medicine Committee, have been approached by members of the Society, stating that Dr. So-and-So is doing refraction work, performing surgical operations, or doing eye, ear and throat work for Group Health Clinic. The question is invariably asked of the committee as to what it intends to do

about it. Dr. Hooe said he, upon further inquiry of the member of the Society, is told that his information is all hearsay. Dr. Hooe urged the members to get facts and not hearsay evidence, as hearsay evidence was of no value."

The minutes are signed C. B. Conklin, Secretary.

Now I turn to:

"Minutes of the meeting of the Medical Society of the District of Columbia, held March 16, 1938, 8 P. M.

Dr. Thomas E. Neill, President, presiding.

"Present: Drs. William J. Mallory, John D. Thomas, John B. Nichols, Henry B. Gwynn, John H. Trinder, Prentiss Willson, E. Hiram Reede, H. H. Schoenfeld, E. J. Cunning, H. S. Bernton, F. X. McGovern, Thomas E. Mattingly, Grant S. Barnhart, George R. Tribie, Worth B. Daniels, Alma Jane Speer, Edmund M. Ellerson, Marvin M. McLean, Frank L. William, J. A. Murphy, and other members to the number of about 175.

"The Minutes of the preceding meetings held March 2 and March 9 were read and approved. One correction was suggested by Dr. J. H. Trinder, who stated that he did not make the motion concerning Dr. Hall's application. The minutes were approved with correction.

. . . . . .

"The Chairman of the Executive Committee was called on for report.

"Dr. W. M. Sprigg pointed out that the recommendations of the Executive Committee were presented to the Society on March 2, 1938, are in the hands of the Secretary and they now belong to the Society.

"The Chair stated that the business to be taken up tonight had no legal aspects whatsoever. It is a question of the Society following the Constitution and By-Laws. Further, that all the newspaper notoriety did not mean a thing and had nothing to do with what the Society decides to do.

"The Chair declared the question before the house was the dismissal of Dr. Mario Scandiffo as a member of the Society.

"In the discussion, Dr. Sprigg pointed out that the report, findings and recommendation of the Executive Committee were read by the Secretary in the minutes of March 2. He thought someone might want to have them re-read.

"Motion was made that the recommendation of the Executive Committee be accepted. Seconded.

"A member of the Society would inquire who Dr. Scandiffo is and whether or not he should be here tonight to be given a proper hearing. It would seem to him to be most improper to act on this matter without the gentleman being present.

"Dr. Sprigg would call the attention of those present to the provisions of the Constitution of the Society. He would suggest that the member familiarize himself with the Constitution. He pointed out that Dr. Scandiffo had had a hearing before the Executive Committee, represented by his counsel, which hearings lasted over a period of 4 or 5 weeks. Dr. Sprigg felt the member opposing action tonight was out of order.

"Dr. F. J. Gunning thought the gentleman was perfectly proper in questioning the procedure, and agreed that Dr. Scandiffo should be present tonight. He referred to his own case, some years ago, when he was exposed to some controversy over the provisions in the Constitution. He was of the opinion that the Constitution of the Society gives the member no rights.

"Dr. J. Lawn Thompson rose to a point of order, stating that the doctor was not speaking to the question before the house.

"Motion was made that discussions be limited to two minutes each, except by vote of the Society. Seconded and adopted.

"Dr. H. H. Schoenfeld was of the opinion that the original question was completely answered. He stated that the fact was that Dr. Scandiffo had knowledge of this meeting tonight, had received notice of the business to be considered, had the right and privilege of appearing and appealing directly to the Society if he so desired. In view of the fact that he has not taken advantage of that opportunity it was his opinion that the Society could proceed with the consideration of the subject.

"Dr. Thomas E. Mattingly was recognized. He said it might seem as though he was contradicting himself because only a few nights ago he had presented certain resolutions for consideration of the Society concerning patients of Group Health Association, Inc., being admitted to hospitals, but he would make a recommendation that Dr. Scandiffo be suspended from membership. Dr. Mattingly called attention to a radio broadcast today which told what was going to happen in the event the Society expelled the Doctor in question; also there appeared in the Star, News and Times newspaper writeups concerning the case, in other words, before the Society had taken a vote the case was tried in the newspapers.

"The Chair stated that the question before the house was the dismissal of Dr. Mario Scandiffo for violation of Chapter IX, Article III, Sections 1 and 2, and Chapter IX, Article IV, Section 5, of the Constitution of the Society. Vote was taken, and the motion was adopted by a vote of 148 to 5.

"The Chair, therefore, declared that Dr. Mario Scandiffo was no longer a member of the Society."

Mr. Kelleher:—Exhibit 147 is a carbon copy of a letter from Dr. Olin West to Dr. George Edward Follansbee, 629 Euclid Avenue, Cleveland, Ohio, dated April 21, 1938, reading as follows:

"Dear Doctor Follansbee:

"I am enclosing a telegram received this morning from Dr. A. T. Talley, Chairman of the Board of Censors, Harris County Medical Society, Houston, Texas. Doctor Talley has been informed that this telegram has been referred to you as Chairman of the Judicial Council.

"As I understand the matter, Dr. Raymond E. Selders, a member of the Harris County Medical Society, accepted a position with the Group Health Association, Inc. in Washington, D. C., a corporation now engaged in the practice of medicine in the District of Columbia. You may recall that this corporation was financed by the Home Loan Bank Board through the Home Owners Loan Corporation and that this action was rather severely criticized by an official committee of Congress.

"We were definitely informed that the United States District Attorney for the District of Columbia has ruled that the Home Loan Bank Board had no legal authority for providing funds for the support of the Group Health Association, Inc., that official rulings have been issued by duly constituted authorities in Washington to the effect that corporations cannot legally engage in the practice of medicine, and that the Group Health Association, Inc., is operating in violation of the insurance laws of the District of Columbia.

"The Medical Society of the District of Columbia has, as I understand it, expelled one member who accepted employment with the Group Health Association, Inc., and this action has created a great storm in Washington, which has been widely and persistently heralded in the local press. As stated in Doctor Talley's telegram, charges have been preferred against Doctor Selders, a member of the Harris County Medical Society, and apparently the board of censors of that society is undecided as to what should be done. It seems to me that the first thing the board of censors should do is to take the matter up with the council of the State Medical Association of Texas, but apparently the members of the board of censors feel that, as Doctor Selders is acting as an agent of the Group Health Association, Inc., outside of Texas, the matter is one for determination by the Judicial Council of the American Medical Association.

"Very sincerely yours,
"Dr. West.

Mr. Lewin:—

"Minutes of the regular meeting of the Executive Committee of the Medical Society of the District of Columbia, held Monday, March 28, 1938, 8 p. m.

"Dr. William Mercer Sprigg, Chairman, presiding.

"Present: Drs. S. A. Alexander, C. N. Chipman, William T. Gill Jr., A. C. Gray, Raymond T. Holden, R. Arthur Hooe, F. X McGovern, John P. H. Murphy, Thomas E. Neill, John A. Reed, E. Hiram Reede, Joseph E. Walker, C. B. Conklin.

"The minutes of the preceding meeting, held March 21, 1938, were read.

. . . . . .

"Dr. J. Ogle Warfield Jr., Chairman of the Hospital Committee, made a report relative to the first resolution that had been proposed by Dr. Thomas E. Mattingly, namely:"

Mr. Lewin:—I am a little bit in a quandary as to what to do about this. This is offered as to all the defendants against whom there is a prima facie case. It is identical with the exhibit already shown to the jury, with the exception of the changes in ink. Do you think I had better read it? I want to be fair.

Mr. Richardson:—It has just been read five minutes ago.

Mr. Leahy:—It is all right to read it.

Mr. Kelleher:—Mr. Leahy wants it read.

THE COURT:—There is no point in taking the time unless it will serve some purpose.

Mr. Kelleher:—Mr. Leahy wants it read.

Mr. Lewin:—I will read it.

"Dr. J. Ogle Warfield Jr., Chairman of the Hospital Committee, made a report relative to the first resolution that had been proposed by Dr. Thomas E. Mattingly, namely:

"That the proper agency of the Medical Society be instructed to present at our next stated meeting the facts relating to the present status of Group Health physicians at the various Washington Hospitals preliminary to appropriate disciplinary action, in event any hospital has ignored the Medical Society's wishes in the premises.

"With slight changes which pertained to paragraph 2 and paragraph 3, the report was accepted, as follows:

"The Hospital Committee has purposely avoided the submission of a list of local hospitals for approval of the Medical Society. The eleven local hospitals therefore remain approved by the Medical Society as of Nov. 4, 1936. To have attempted to reapprove these hospitals last fall or this winter would have detrimentally created conflicts between the Medical Society and some of the local hospitals because of attempted enforcement of the provisions of Chapter IX, Article IV, Section 5 of the Constitution of the Medical Society.'

"In an effort to maintain high standards of practice in the local private hospitals, the Medical Society adopted a resolution on Nov. 5, 1937, directing the Hospital Committee to recommend the best way of bringing the questions involved to the attention of the medical boards and boards of directors of the various local hospitals to insure the maximum amount of accomplishment with the minimum amount of friction and conflict. On Dec. 1, 1937, the Hospital Committee submitted a resolution, which was adopted, that the Medical Society recommend to the hospitals that they follow the recommendation of the American Medical Association, namely, that each hospital appointee be a member of his or her local medical society and a member of the American Medical Association.

"On February 2, 1938, the Medical Society adopted a resolution requesting, at the next stated meeting, the facts relating to the present status of Group Health physicians at the various Washington hospitals.

"The Hospital Committee reports that, at this time, the majority of local private hospitals contain in their by-laws a provision that a physician in order to practice in the hospital must be a member or qualified for membership in his or her local Medical Society.

"Only three of the local hospitals (Columbia, Sibley and George Washington University) have not followed this recommendation of the American Medical Association.

"All of the local private hospitals are cooperating fully with the Medical Society in respect to Group Health Association, Inc. At the present time only one of the local hospitals has on its staff list the name of a physician connected with Group Health Association, Inc. This hospital does not revise its staff list annually, as do the other hospitals, but it has assured the Chairman of the Hospital Committee that steps have been taken to deny this physician hospital privileges.

"The Hospital Committee urges that the Medical Society continue their full cooperation and avoid conflict with any of the local private hospitals.

"J. Ogle Warfield Jr.
"Chairman, Hospital Committee."

"Relative to Resolution No. 2 offered by Dr. Thomas E. Mattingly, as follows:

"'That the proper agency of the Society take immediate measures to ascertain if any member or members of the Society are party to secret understandings and unethical arrangements with Group Health Association, Inc., whereby Group Health patients are admitted to Washington hospitals and treated under the service or supervision of Medical Society members possessing hospital privileges.'

"Dr. Hooe, reporting for the Compensation, Contract and Industrial Medicine Committee, to which the resolution had been referred, stated that he considered the resolution to be ambiguous and further that he did not believe it was in the province of his committee to make investigations or report except upon authentic information received from members.

"A motion was made, which was seconded, to lay this whole matter on the table. Adopted.

"Dr. Hooe, in continuing, stated that a member came to him and stated that he had received a check for $16 from the Group Health Association. He asked Dr. Hooe whether he should accept it. This was but one of many similar cases. Dr. Hooe, after deliberating, informed the member that it was all right for him to take the $16 check and have it cashed in view of there being nothing to indicate that the doctor had been in consultation with Group Health Association employees and that the patient was to all intents and purposes a private case, although paid for by the Group Health Association.

"A member present stated that the Group Health Association had claimed to have paid over $3,000 in checks in this way."

Those minutes are signed by C. B. Conklin, Secretary.

TESTIMONY OF DR. J. LAWN THOMPSON

DIRECT EXAMINATION

Mr. Kelleher:—

J. Lawn Thompson identified Exhibit 439, a letter from him to Dr. R. Arthur Hooe dated Aug. 16, 1937.

Mr. Lewin:—I will read from the minutes of the Special Meeting of the Executive Committee of the Medical Society of the District of Columbia, held March 29, 1938, at 8 p. m.:

"Dr. William Mercer Sprigg, Chairman, presiding.

"Present: Drs. A. B. Bennett, Daniel L. Borden, C. N. Chipman, Harry A. Fowler, William T. Gill Jr., Raymond T. Holden, R. Arthur Hooe, H. C. Macatee, F. X. McGovern, J. P. H. Mercer, Thomas E. Neill, John A. Reed, H. R. Schreiber, Joseph S. Wall, R. Lomax Wells, C. B. Conklin. In addition there were present Drs. J. Russell Verbrycke Jr., Mr. Charles S. Baker and Mr. F. A. Fenning, by invitation.

"The Chair stated that should anyone like to hear a re-reading of the minutes of the meeting held March 21, 1938, the minutes would be re-read. No one seemed to wish this done. The minutes were not re-read.

. . . . . .

"Mr. Fenning was recognized. He stated that the Group Health Association, among other things, had a drug store where, he was informed, prices were about one third that of Peoples Drug Stores.

"It was thought by many present that if Peoples Drug Stores authorities, Mr. Gibbs in particular, were notified some action might be taken.

"Dr. H. A. Fowler stated that he was sure that he could make contact with Mr. Gibbs and that he could have some influence with him."

The minutes are signed "C. B. Conklin, Secretary."

I will now read from the minutes of the business meeting of the Medical Society of the District of Columbia held April 6, 1938, at 8 p. m.:

"Dr. Thomas E. Neill, President, presiding.

"Present: Drs. A. L. Stavely, James M. Moser, Charles W. Hyde, James A. Gannon, C. N. Chipman, Thomas E. Mattingly, J. Ogle Warfield Jr., J. Lawn Thompson, Frank D. Costenbader, Charles S. White, Jerome F. Crowley, Marvin M. McLean, Charles P. Cake, J. Russell Verbrycke Jr., Lyle M. Mason, Earl R. Templeton, V. R. Alfaro, Sterling Ruffin, William P. Herbst Jr., John H. Trinder, John A. Reed, and other members to the number of about 85.

"The Chair appointed Dr. E. Hiram Reede to act as Secretary in the absence of Dr. C. B. Conklin, who was attending a convention in New York City.

"The minutes of the preceding meetings of the Society, held March 23 and March 30, were read and approved."

. . . . . .

"Dr. John H. Trinder made a motion that the Society go into executive session and that Dr. W. C. Woodward and the Public Relations Counsel, Mr. Fulton Lewis Jr., be allowed to remain. Seconded and adopted.

"The Chair appointed Dr. Benjamin F. Dean to act as Sergeant-at-Arms.

"Dr. J. Ogle Warfield Jr., Chairman of the Hospital Committee, read the following report:"—

I will not read that again, your Honor. That is the same report, this time being made to the Medical Society. I read the one made to the Executive Committee:

"Upon motion, duly seconded, the report of the Hospital Committee was adopted."

. . . . . .

The minutes are signed by C. B. Conklin, Secretary, and D. E. Everett, underneath.

Mr. Leahy:—Will you read from the bottom of page 6 and at the top of page 7? It is only about 7 or 8 lines, right after "Upon motion, duly seconded, the report of the Hospital Committee was adopted."

Mr. Lewin:

"Dr. Marvin M. McLean would inquire if there was not a provision in the Constitution which requires the Hospital Committee to annually approve the various hospitals.

"The President stated that there was no such thing in the Constitution.

"Dr. Sprigg expressed the opinion that it should be clear that the hospitals have a perfect right to decide who should practice in their institutions. The courtesy staff has to be revised every year. One of the hospitals has had members of the profession on its staff for years even though they have not been members of the Society."

Mr. Lewin:—The minutes are signed by C. B. Conklin.

TESTIMONY OF MARY G. THORNHILL

DIRECT EXAMINATION

By Mr. Kelleher:

Mary G. Thornhill said she is employed by Dr. Warren Sager as technician. She identified exhibits bearing Dr. Sager's signature.

Mr. Kelleher:—We now desire to offer in evidence Exhibit 439, which is a letter of Dr. J. Lawn Thompson to the defendant Hooe, the handwritten notation on the bottom of Exhibit 313 which has now been identified as bearing the signature of Dr. Sager, and the questionnaire from George Washington Hospital which has been identified as bearing the signature of the defendant Sager. I offer in evidence Exhibit 440 which appears to be an original letter from Sister M. Rodriguez to Dr. C. B. Conklin, dated Dec. 7, 1937.

(Here followed discussion over identification of documents.)

Mr. Kelleher:—May I also offer in evidence Exhibit 441 for identification, which appears to be a letter from Dr. J. Russell Verbrycke to Dr. William C. Woodward, dated May 29, 1937. The document which I am offering has been produced by the American Medical Association in response to a subpoena served upon them. I respectfully ask the court to compare that signature of Dr. Verbrycke with Exhibit 11 which has been identified as bearing his signature.

I also offer in evidence at this time Exhibit 442 for identification, which purports to be a letter from Dr. Conklin to the Chief of Staff of the Episcopal Eye, Ear and Throat Hospital, enclosing resolutions of Dec. 1, 1937, of the District Medical Society. Exhibit 442 and the enclosure were produced by the Episcopal Eye, Ear and Throat Hospital.

(Here followed extended discussion over admissibility of certain documents.)

Mr. Kelleher:—I would like to read this reply, the handwritten notation on the bottom of Exhibit 313, which is as follows:

"The surgeon for H. O. L. C. has been rejected. No other application has been received."

That is signed by Dr. Sager.

Mr. Kelleher:—Exhibits 305 and 306 comprise the questionnaire from George Washington University Hospital, signed by W. Warren Sager.

Mr. Kelleher:—Exhibit 305 is as follows:

QUESTIONNAIRE

1. What communication or inquiry has your hospital had from Group Health Association, Inc.?
Request for hospital privileges for Dr. Selders.
2. What reply has your hospital made to Group Health Association, Inc.?
Application has been referred to the Staff and the Committee on Hospital Privileges for action.

V 1 194

3. Which, if any of the following Doctors are now members of your Medical Staff in any capacity or have privileges to practice in your hospital?

Dr. Henry Rolf Brown
Dr. Allan E. Lee
Dr. Mario Scandiffio
Dr. R. Stephen Hulburt
Dr. Raymond E. Selders
Dr. Edmond D. Wells

None.

4. Is your hospital in sympathy with the policies of The Medical Society of D. C.?

Yes.

5. Is the entire medical staff of your hospital reappointed annually?

Yes.

6. Are appointments to the medical staff of your hospital approved by the Medical Staff?

Yes.

7. What governing body of your hospital finally makes appointments to the medical staff?

Medical Staff.

8. Does your hospital require membership in The Medical Soc. of D. C.?

No.

9. Does your hospital require membership in The Medical Soc. of D. C. as a qualification for appointment to its medical staff?

No.

10. What percentage of the entire medical staff of your hospital are members of The Medical Society of D. C.?

289 members of D. C. Med. Society 33 not members.

11. Does your hospital require membership in the A. M. A. as a qualification for appointment to it's medical staff?

No.

12. What percentage of the entire medical staff of your hospital are members of the A. M. A.?

13. Is your hospital a beneficiary of Community Chest funds?

Yes.

14. Will you kindly make any other inquiry that you think might be pertinent at this time?

W. Warren Sager."

TESTIMONY OF DR. FREDERICK C. FISHBACK

DIRECT EXAMINATION

By Mr. Kelleher:

Frederick Coleman Fishback was secretary of the Washington Academy of Surgery from April 1936 to April 1937. It may have been 1937 to 1938. He identified the roster of the members of the Academy in 1934, 1935, 1936, 1937, 1938 and 1940. Many of the names were read.

He said he wrote up the minutes of the Academy and identified them.

By Mr. Kelleher:

Q.—I show you Exhibit 445 for identification and ask you if that is a carbon copy of a letter which you wrote to the Superintendent of George Washington University Hospital on Dec. 8, 1937?

A.—I think it is. It looks like my typing.

Q.—I show you Exhibit 446 for identification and ask you whether that is a carbon copy of a letter written by you, dated Dec. 9, 1937, and addressed "Dear John."

A.—I think it is.

Q.—Who was "John"?

A.—Dr. John Lyons.

Q.—Was he on the Committee on Hospital Privileges?

A.—Yes.

He also identified letters to Col. P. M. Ashburn, Columbia Hospital, to Providence Hospital and to Dr. Hooe, dated Jan. 31, 1938; also to Garfield Memorial Hospital.

CROSS EXAMINATION

By Mr. Leahy:

. . . . . .

Q.—What is the Washington Academy of Surgery?

A.—It is—

Mr. Kelleher:—I think we might just as well stop this now, if your Honor please. While we do not object to the witness telling us, we know that it is going to lead to something else. I asked this witness only for the identification of documents and letters which he wrote, and the membership of the Academy. I think counsel for the defense should be confined in their cross examination to those matters.

Mr. Leahy:—I do not think I can be confined so narrowly as that. This man is placed before the jury as Secretary of the Washington Academy of Surgery. We have a right to let the jury know who he is and what the organization is of which he is secretary.

THE COURT:—I think in a general way that you can, but I would not let it go too far.

Mr. Leahy:—I am not going far into it, but I think we have a right to know about the organization of which he is secretary and why they put him on the stand.

THE COURT:—You may inquire.

By Mr. Leahy:

Q.—What is the Washington Academy of Surgery, Doctor?

A.—It is a scientific society made up of men here in Washington doing general surgery. It meets four times a year.

Q.—The annual meeting, I think you said, was some time in April of each year?

A.—Yes.

Q.—And your duties as secretary were what?

A.—The duties of the secretary are to record the minutes of meetings, get out notices of the meetings, and take care of—three of the meetings are dinner meetings held in a hotel or club, and the fourth meeting, which is also a scientific meeting, is held at the Society's building.

Q.—Did you personally jot down the minutes?

A.—I personally did.

Q.—Are you a stenographer?

A.—No; I am not.

Q.—When you took the minutes you jotted down the substance of what you thought had occurred?

A.—Yes.

Q.—And then were those minutes submitted for approval at any time?

A.—They were submitted at the next meeting, although they were frequently not read.

Q.—As I understand it, then, Doctor, when you would attend one of these meetings— By the way: how many would be present on an average? Or can you average that?

A.—I would say the average would run—it is hard to say the average, but somewhere between 45 and 50.

Q.—How big was the membership back in 1937 and 1938, April to April?

A.—About 42 or 44, all of whom would never come. There were usually 15 or 20 guests. Perhaps 25 or 30 members were present and probably 20 guests.

Q.—Is it not safe to say that the Washington Academy of Surgery was composed of the prominent general practitioners of the profession, but especially in surgery, in the District of Columbia?

A.—Every one who pretended to confine their practice to surgery belonged, provided they had been out of medical school a certain number of years.

Q.—And you did the best you could to jot down what you thought was the substance of what everybody said at the business meetings?

A.—Yes.

Q.—And you would take down in substance the subject matter of the papers of a scientific character which were read and discussed?

A.—Yes.

Q.—That is the reason, or one of the reasons, you got together to discuss these various scientific papers which were read by members?

A.—That was the prime purpose.

Q.—That was the prime purpose and object of the society, was it?

A.—Yes.

. . . . . .

Q.—And then several letters or carbon copies of letters were submitted to you which you stated you sent out to various hospitals?

A.—Being the secretary, I would have applications sent to me from the various hospitals, applications of men wishing privileges in surgery, some in gynecology and some in major and minor surgery. Those which had to do with general surgery, in contrast with gynecology or orthopedic surgery, were sent to the Credentials Committee, an advisory committee. As a matter of simplification they were sent to me, and I think Dr. Lyons was secretary of the Credentials Committee, and I would forward the whole bunch with a letter of transmittal to him. Eventually they would come back and I would write a letter of transmittal to the superintendent of the hospital.

Q.—You were not on this Credentials Committee?

A.—No.

Q.—Let me see if I understand you. If some one made an application to a Washington hospital for the privilege of practice—

Mr. Lewin:—We object to this, if your Honor please. There is no need to go over this again. It is beyond the scope of the direct examination, and Mr. Leahy is now going to testify to the jury.

Mr. Leahy:—No, I am not.

THE COURT:—Have those letters been offered in evidence?

Mr. Lewin:—No, they have not.

Mr. Leahy:—They are going to be offered after the Doctor is off the stand and I can't talk to him.

Mr. Lewin:—You know that that is improper. You can call him back any time you want to in your own case.

Mr. Leahy:—I do not need to call him back in my case when he is here in your case.

Mr. Lewin:—I know what you want to do: you want to cross examine this man—

Mr. Leahy:—If your Honor please, I am trying to cross examine him on—

THE COURT:—If any further testimony is needed in explanation of these letters, as a matter of expediting the case, would it not be well to get that now?

Mr. Lewin:—He is talking about applications made to hospitals and how they came to him, and all that sort of thing.

Mr. Leahy:—That is what those letters are about.

Mr. Lewin:—These are the only ones he has testified about, and they have not been put in evidence.

Mr. Kelleher:—All we have had him do was to identify them as having been written by him.

THE COURT:—I do not assume that you had them authenticated for nothing.

Mr. Lewin:—We want to offer them. There is no question about that.

Mr. Kelleher:—If they want to put him on the stand and get the subject matter of these letters they are entitled to do that in their case. It is precisely the situation that arose the other day when we discussed the matter of authenticating signatures of letters.

Mr. Leahy:—When a signature is authenticated it is authenticated not for the signature but for the contents above the signature; and when they offered to this gentleman letters which your Honor now has in your hand, referring to applications for practice in hospitals, they are to be identified by him not for the purpose of saying, "Yes, I remember writing such a letter or sending the original of that copy"; they are to be identified for the contents, and then they want to read the contents.

Mr. Lewin:—The question I objected to was not directed to any application.

THE COURT:—I think the question went too far. I will sustain the objection.

Mr. Leahy:—It is so far back now that I have forgotten the question.

THE COURT:—Ask another question, then.

Mr. Leahy:—All right, your Honor.

By Mr. Leahy:

Q.—Now, Doctor, to be specific I am just going to hand you the same documents that you identified earlier. These are the minutes of the regular meeting which was held at the Cosmos Club on Friday, Dec. 10, 1937, and you took those down personally, did you not?

A.—Yes, sir.

Q.—Did you write out pencil notes of them?

Mr. Lewin:—That has already been testified to. We object to that. He has given the same answer before.

THE COURT:—It may be repetition.

Mr. Lewin:—I object to that.

THE COURT:—It has been answered, and I suggest that counsel do not repeat.

Mr. Leahy:—That is what counsel says, but it was not. Nobody has yet said that he took pencil notes and later on transcribed them.

THE COURT:—Put your next question.

By Mr. Leahy:

Q.—After you had taken the pencil notes of the minutes of the meeting at the time the meeting occurred, how long after that did you transcribe them?

A.—Probably the next day, but I am not sure.

Q.—Did you personally transcribe them, or did you dictate them to your stenographer?

Mr. Lewin:—I object to that. It has already been testified to.

THE COURT:—I do not think so. He may answer.

A.—I actually typed those myself.

Mr. Lewin:—He so testified.

Mr. Richardson:—Now you are testifying.

THE COURT:—Let us get along, gentlemen. This is just delaying matters. I have ruled upon it. After I rule, it is better for counsel not to make comments. Whether my rulings are right or wrong I do insist that they be accepted and respected.

By Mr. Leahy:

Q.—I am showing you a series of carbon copies, 447, 448, 449 and 450 marked for identification. These went through your hands, did they?

A.—Yes, sir.

Q.—Did the subject matter contained on a single one of the originals of which these are copies come to your personal consideration for decision?

Mr. Lewin:—We object to that, if your Honor please. It has already been testified to. He told us exactly how he got them up.

THE COURT:—I do not remember.

Mr. Leahy:—I do not, either, your Honor.

THE COURT:—I am sorry, but I do not remember. Let him answer.

The Witness:—Will you read the question?

(The pending question was read by the reporter as above recorded.)

A.—No.

By Mr. Leahy:

Q.—When you wrote the originals of each one of these carbons did you write those originals as the secretary at the direction of some other committee of your society?

Mr. Lewin:—I object. That has already been testified to. He said he got this information from the Lyons committee, and he made up these letters as the result of that and sent them out. He gave that to us fully.

THE COURT:—Maybe he did. I do not recall it. I might not have been listening carefully enough.

Mr. Leahy:—I think counsel must be confusing what he has gotten from another source.

THE COURT:—It is not clear to me, and I would like to get it clear.

A.—I was simply a transmitting officer; that is all.

By Mr. Leahy:

Q.—Let me ask you this. Behind these letters, the originals of which you typed and of which these are the carbons that I now hold in my hand, from 447 to 450, are there other records of this Society showing the information upon which is based the information contained in these letters?

A.—Not in the possession of the Society.

Q.—Where is it?

A.—In the possession of the hospitals. These applications were sent to me and were in turn by me forwarded to the Credentials Committee who passed on them or not as they saw fit. They were returned to me with this letter of transmission. They are in most instances application blanks and were sent back to the hospital. At least I never had permanent possession of them.

Q.—Was the Committee on Hospital Privileges a committee of your organization?

A.—Yes.

Q.—Did that committee in your organization retain records of its action?

A.—I can't answer that question. I have never been on it.

Q.—As secretary of the association you have never seen any records?

A.—No; I have never seen those records.

Q.—Before you wrote the originals of these letters, copies of which I have in my hand, you received some kind of authorization, you stated, from the Committee on Hospital Privileges?

A.—Yes.

Q.—Was that in writing or oral?

A.—It was in writing, and it is probably in the file.

Q.—In the files of your society?

A.—Of the Society; yes. It is perfectly obvious that I can not remember a letter like that (indicating). I simply dictate the letter as I get it from Dr. Lyons.

Q.—Did he head up the committee?

A.—Yes, sir.

Q.—So that back of these records there are other letters in the files?

Mr. Lewin:—He says he thinks so.

A.—The authorization was in writing.

Mr. Lewin:—You have already testified to that.

The Witness:—So far as I know, it is in the files of the Society. These letters were sent on to the hospital superintendents.

Q.—And that would be the only authorization you would have to write those letters you have just mentioned?

A.—Yes.

Mr. Lewin:—We have had this at least four times, and I object to it.

THE COURT:—Yes. I think it is perfectly clear. Is that all, Mr. Leahy?

Mr. Leahy:—Thank you, your Honor; yes, sir.

(The witness left the stand.)

Mr. Kelleher:—If your Honor please, we now offer in evidence Exhibits 447, 448, 449, 450, 445, 446 and 444. Those are all of the documents which Dr. Fishback identified.

Mr. Leahy:—There is no special objection to 444, 447, 448, 449 and 450. I cannot see any materiality in 445 and 446.

THE COURT:—Pass them up.

FEBRUARY 26—AFTERNOON

TESTIMONY OF JOSEPH F. RANDALL

DIRECT EXAMINATION

By Mr. Lewin:

A.—Joseph F. Randall stated he was with the National Homeopathic Hospital as a member of the board and was president from 1936 to 1938. The hospital is about 55 years old. It is located at Second and N streets, Northwest, and they do a general hospital business. It takes care of about seventy patients.

J. B. Gregg Custis, chief of the medical staff, also a member of the board of trustees, identified a roster of the physicians who were on the staff of the National Homeopathic Hospital in 1937 and 1938.

(Mr. Leahy objected.)

THE COURT.—The objection is sustained until it is properly identified. The mere fact that a document is procured under a subpoena does not make it admissible.

By Mr. Lewin:

Q.—Would you take this roster and testify to the jury the names of the doctors whom you can recall as being attached to the staffs of the National Homeopathic Hospital during those years; read off the ones who are really the most active.

A.—I would say the most active were Dr. Custis, Dr. Davidson, Dr. Sappington, Dr. Shearer, Dr. Cajigas, Dr. Warner, Dr. Swormstedt, Dr. Birdsall, Dr. Leadbetter, Dr. Cox, Dr. Roger O'Donnell—that is about all I know.

Q.—While you were president was it customary for you each year to have the accounts of the National Homeopathic Hospital audited by an independent firm of certified public accountants?

A.—Yes, Mr. Ball took care of that.

Q.—The firm of Ball, Blum & Company?

A.—Yes.

Q.—And did that firm, in response to your request, furnish this report for the year ending Dec. 31, 1937, which I now hand you?

A.—This looks like their report.

There was considerable discussion over the admission of the audit.

Mr. Lewin.—Will your Honor reserve your ruling on that?

THE COURT.—Yes.

By Mr. Lewin:

Q.—Colonel Randall, did you have occasion to attend a large meeting held Oct. 30, 1937, at which Group Health Association project was the subject matter?

A.—Yes, I did.

Q.—Where was that held?

A.—The Mayflower Hotel.

Q.—And how did you happen to go to that?

A.—I received an invitation from the president of Group Health Association, Mr. Penniman.

Q.—Is that Mr. William F. Penniman?

A.—Yes. Mr. Penniman and I talked about it, and I talked to several other of the hospital presidents; asked them if they had been invited. They said, "Yes."

Q.—As a result of the invitation, you went?

A.—Yes.

Q.—Was it a banquet?

A.—Yes.

Q.—Do you know who spoke at the banquet?

Mr. Leahy.—I object to it; it is entirely immaterial who spoke at the banquet.

Mr. Lewin.—I want to identify the meeting.

Mr. Leahy.—It has been identified as having occurred at the Mayflower Hotel on Oct. 30, 1937.

THE COURT.—Yes, I don't think that is material. Will you step up here.

(Thereupon counsel approached the bench and conferred with the Court out of hearing of the jury.)

By Mr. Lewin:

Q.—Now, after the banquet was over, did you have occasion to talk with Mr. Penniman, the president of Group Health Association?

A.—Yes.

Q.—What was the subject matter of the conversation, without telling what the conversation was?

Mr. Leahy.—Objected to; hearsay.

THE COURT.—There is nothing apparent yet that would indicate its materiality. Will you come up to the bench, please.

(Counsel thereupon approached the bench and conferred with the Court out of hearing of the jury.)

By Mr. Lewin:

Q.—Now, at the time you had this conversation with Mr. Penniman, were you desirous of getting Group Health business for your hospital, the National Homeopathic?

A.—Yes. After I attended this meeting and saw what was going on I thought it was a pretty good thing, and asked Mr. Penniman—

Mr. Leahy.—Objected to.

By Mr. Lewin:

Q.—Did you so express yourself to Mr. Penniman?

Mr. Leahy.—The same objection.

THE COURT.—He cannot go into the details, but he may show by him whether or not he did express this desire, without going into any details of the conversation.

By Mr. Lewin:

Q.—Don't tell me Mr. Penniman's reply. Tell me whether you expressed that desire on your part to have Group Health patients for your hospital to Mr. Penniman.

A.—Well, it was this way. He—

Mr. Leahy.—You can answer that yes or no, please.

THE COURT.—Merely yes or no.

The Witness.—Yes.

By Mr. Lewin:

Q.—Now, give us as near as you can recall what was said by you.

Mr. Leahy.—I still object to this testimony. It is hearsay.

Mr. Lewin.—I am not asking what Penniman said.

THE COURT.—Confine yourself to what you said.

A.—I told Mr. Penniman we would like to have some of his business at the National Homeopathic, as I thought they were going to have some patients that would need hospitalization, and when the concern could pay cash we would be glad to have them at our regular prices.

By Mr. Lewin:

Q.—Did you a few days later have occasion to go to the Group Health Clinic?

A.—I visited their clinic on I Street, yes.

Q.—Tell us the circumstances of how you went there. Were you invited?

A.—At the meeting that night they invited us to come down to the clinic on I Street. I couldn't do it that day. I went a few days later. I met some of the doctors there. I think Dr. Brown.

Q.—Is that Dr. Henry Ralph Brown, the Medical Director?

A.—Yes, the head of the clinic. He showed me through. It looked like a wonderful place.

Q.—You were favorably impressed with it?

Mr. Leahy.—Objected to as immaterial.

THE COURT.—Sustained.

By Mr. Lewin:

Q.—How did its facilities and equipment compare with the facilities and equipment of other hospitals in the vicinity?

Mr. Leahy.—Objected to. Immaterial.

THE COURT.—Sustained.

By Mr. Lewin:

Q.—Did you after that, to wit, on Nov. 4, 1937, have occasion to attend a meeting of the board of trustees of National Homeopathic Hospital?

A.—Yes, I presided at that meeting.

Q.—Was the defendant J. B. Gregg Custis there?

A.—Yes.

Q.—Did you have any conversation with the board of trustees there with reference to Group Health Association?

A.—When the matter was brought up I talked about it, yes.

Q.—What did you tell the board?

A.—Well, the matter was brought up regarding the change in our requirement for members of our staffs.

Q.—Up to that time what had been the requirements of National Homeopathic for members of your staffs?

A.—Well, they had to be a graduate of a recognized medical school and a member of a medical society, and they had to have a couple of years' practice.

Q.—Did you require membership in the District Medical Society or American Medical Association as a prerequisite for granting medical staff privileges?

A.—No specific organization. It might have been any medical society, either home town or in any place.

Q.—Then what transpired with reference to Group Health in this meeting of November 4?

Mr. Leahy.—This is only against Dr. Custis?

Mr. Lewin.—Yes.

By Mr. Lewin:

Q.—What was the conversation that took place at that meeting of November 4 by the board of trustees with respect to Group Health Association?

A.—Well, I suppose, without mentioning Group Health Association specifically, what was brought up at that time was the change in our requirements for admission to the staffs.

Q.—Who brought it up?

A.—Dr. Custis.

Q.—What did he say?

A.—He said that the Society was going—or I am not sure whether they were going to or had made changes in their regulations, and required all their doctors—the doctors of the local society—to be members of the boards of hospitals; to have on their staffs only members of the local association.

Q.—Did he say what, if anything, would happen if you didn't comply with that request for a change in the requirements?

A.—I believe he offered a resolution for a change in our requirements at that time; stated it was necessary it be passed; otherwise most of the staffs would have to quit.

Q.—Did you, that fall, adopt that rule for the first time?

A.—Yes, we made the change.

Q.—What was the reason for making the change?

A.—The majority of the board voted for it, for the amendment offered by Dr. Custis.

Q.—Did the statement of Dr. Custis that unless the change was made the staff would have to quit affect the decision of the board?

Mr. Leahy.—Objected to as leading; highly argumentative.

THE COURT.—Sustained.

By Mr. Lewin:

Q.—What was it that induced the action of the board to change your rules?

A.—I don't know. I voted against the resolution. I don't know what effect it had on the board, but they voted against it.

Q.—You mean in favor of it?

A.—They put it through; they voted against me; there were two of us voted against it.

Q.—Who was the secretary of the board of trustees?

A.—Mrs. Thompson.

Q.—Do you know her handwriting and signature?

A.—Yes.

Q.—I show you what purports to be the minutes of that meeting, and ask you whether those are signed by Doris W. Thompson, Secretary.

A.—Yes, that is her signature.

Mr. Lewin.—I offer the minutes—that portion of these minutes which deals with Group Health—in evidence.

THE COURT.—You mean at that particular meeting?

Mr. Lewin.—Yes. Do you object to it?

Mr. Leahy.—Yes, your Honor.

THE COURT.—Will you gentlemen step up here?

(Thereupon counsel approached the bench and conferred with the Court out of hearing of the jury.)

Here came extended discussion over the admission of the minutes.

By Mr. Lewin:

Q.—Colonel Randall, do you recognize this book which I showed you a minute ago as the official minute book of the board of trustees of the National Homeopathic Hospital for the year 1937?

A.—That is the book.

Q.—That is the book. Now, did the board of trustees have a secretary?

A.—Yes; Mrs. Thompson.

Q.—That is Mrs. Doris W. Thompson?

A.—Yes.

Q.—What were her duties in connection with the meetings of the board of trustees?

A.—She kept a record; she sent out the notices to the different members of the board; kept a record of the meeting.

Q.—And was that in the usual course of the business of the board of trustees for her to take down these minutes?

A.—Yes.

Q.—I have shown you what purports to be minutes of this meeting, and I think you have already testified those are the minutes of that meeting.

A.—I didn't read it. I looked at Mrs. Thompson's signature and it looks like her signature.

Q.—Will you look it over and tell us whether those are the minutes which Mrs. Thompson took of that meeting?

A.—It is hard for me to read this writing.

Q.—That is all right. Take your time. I am not asking you about the substance of what is recorded there. I simply want to know whether those are the minutes taken of that meeting, by Mrs. Thompson.

A.—Well, that is several years ago, but it sounds very much like it.

Q.—You would be willing to testify that Mrs. Thompson took those minutes in the ordinary course of business; that is her handwriting, and that is her signature?

A.—That is the only way she could get them, as secretary of the board. I don't know whether she writes shorthand. That is the only way she could get it.

Mr. Lewin.—Now, your Honor, have I complied with the statute? I offer it in evidence.

THE COURT.—Any objection?

Mr. Leahy.—No special objection.

(Minute Book of Board of Trustees, National Homeopathic Hospital, showing minutes of meeting of Nov. 4, 1937, was marked U. S. 453 and received in evidence.)

Mr. Lewin.—"Nov. 4, 1937.

"A meeting of the Board of Trustees of the National Homeopathic Hospital was held at the hospital at 12 noon, Nov. 4, 1937.

"Present: Colonel Randall, Presiding; Mrs. Dodge; Mrs. Zoller; Mr. Lauris McLachlen; Mr. Brown; Dr. Custis; Mr. Doing; Mr. and Mrs. Ross Thompson."

Now I am going to omit a portion of what is written here.

"Colonel Randall told of having attended a meeting to discuss a proposed clinic for the H. O. L. C. Sponsors of this clinic wanted to know if it would be possible to send patients to our hospital and have their doctors attend the patients. The board held open discussion on the subject and decided that as long as this clinic is not accepted by the District Medical Society that we cannot recognize it. They pay the doctors salaries, charge monthly fees, do no charity work, and the men on their medical staff are not recognized by the District Medical Society. They want the hospitals to accept patients at the prevailing rates. If at a later date the District Medical Society accepts and approves this clinic, the board of trustees will consider the plan.

"Doris W. Thompson, Secretary."

By Mr. Lewin:

Q.—Now, Colonel Randall, I wonder if you will tell the jury who it was in that open discussion referred to that moved that as long as the clinic is not accepted by the District Medical Society "we cannot recognize it."

A.—That was Dr. Custis.

Q.—Who was it that made this statement in that discussion: "They (referring to Group Health) pay the doctors salaries, charge monthly fees, do no charity work, and the men on their medical staff are not recognized by the District Medical Society"?

A.—I am not sure about that. That might be Mrs. Thompson's idea of what transpired at the meeting.

Q.—Now, I show you what purports to be the minutes of a meeting of the board of trustees of the National Homeopathic Hospital, held Dec. 30, 1937; also this notation:

"Original minutes taken out of minute book" in the front of it, and ask you whether that is Mrs. Thompson's signature, as secretary, at the end of those minutes.

A.—Yes.

The witness identified further minutes.

U. S. EXHIBIT 454

"Dec. 30, 1937.

"A meeting of the Board of Trustees of the National Homeopathic Hospital was held at 12 noon, Dec. 30, 1937 at the Hospital. Present: Col. Randall, presiding; Mrs. Dodge; Dr. Custis; Mr. McRae; Mr. Brown; Mr. Delos Smith; Mr. McKee; Mr. McLachlen; Mr. Doing and Mrs. Thompson.

"The minutes of the previous meeting were read and accepted and the Treasurer's report was read."

"A recommendation from the Executive Staff meeting that the Courtesy Staff again be accepted, with the exception of the Doctors who are not recognized by an organized Medical Society in Washington, D. C. and vicinity. These Doctors are to be given three months grace in which to join such a Medical Society. Dr. Custis moved that this recommendation from the Executive Staff be acted upon. It was duly seconded and carried. Mr. McLachlen suggested that the Hospital write letters to the accepted Doctors on the Courtesy Staff informing them of their acceptance and asking for their cooperation with the Hospital."

Mr. Lewin.—And it is signed by "Doris W. Thompson, Secretary."

And then I might offer this:

"A unanimous vote of thanks was expressed to Col. Joseph Randall for his splendid work while President of the Board of Trustees.

Signed "Doris W. Thompson."

By Mr. Lewin:

Q.—Now there is a reference in the minutes to the executive staff. What was the executive staff?

A.—It was composed of the doctors on the staff.

. . . . . .

By Mr. Lewin:

Nov. 9, 1937.

"Dr. C. B. Conklin, Secretary,
Medical Society of the District of Columbia,
1718 M Street, N.W.,
Washington, D. C.

"Dear Dr. Conklin:

"As the attitude of the National Homeopathic Hospital toward the Group Health Association is apparently not clear to various members of the District Medical Society, I am enclosing a copy of a letter sent today to their president, Mr. Penniman, by Dr. J. B. Gregg Custis, executive officer of our board of trustees.

"Yours very truly,
"Frances Whitlock Hall,
"Superintendent."

The letter referred to therein is already in evidence.

By Mr. Lewin:

Q.—Now, who succeeded Miss Hall as superintendent of the National Homeopathic Hospital?

A.—Mrs. Treasure.

Here came discussion over minutes kept by Mrs. Treasure.

By Mr. Lewin:

Q.—I hand you Exhibit 452, Colonel Randall, and ask you to tell the jury—you might refresh your recollection—what are the principal items of expense which your hospital had during the year 1937?

Mr. Leahy:—I object to it as immaterial. Secondly, he cannot refresh his recollection on something he did not write.

Mr. Lewin:—That is not the rule at all. He may refresh his recollection from anything.

THE COURT:—I think the objection should be sustained.

Mr. Lewin:—You mean on the ground of refreshment?

THE COURT:—On the ground I don't see the materiality of it.

Mr. Lewin:—Your ruling on the demurrer—you made that very point on that—that there was not sufficient allegation of the business of the hospital. There is proof that they are in business and we want to show by this document the business. We want to show the business for which it was organized.

THE COURT:—Well then, produce the corporate charter. That will show the business. This report of an auditor will not.

Mr. Lewin:—I have already withdrawn that in response to your Honor's ruling. I have asked him what the main items of expense are.

Mr. Kellcher:—We are not asking for figures; merely the general items.

THE COURT:—I don't understand it is material whether this concern was making or losing money.

Mr. Lewin:—I have not asked for that. I want to show what type of business that hospital carried on.

THE COURT:—Can that be done by this witness?

Mr. Lewin:—It can be done by the testimony as to the fact of the main items of expense.

THE COURT:—I don't think that gives us a good idea of the business.

Mr. Lewin:—It may not give us a very good idea of it, but it is the best I can do. I have to take the best I have and proceed step by step.

Mr. Leahy:—Do you want to prove by this witness what the expenses of the hospital were?

Mr. Lewin:—I would like to have you admit that the items of expense shown in this report are in fact the items of expense incurred by the hospital.

Mr. Leahy:—How can I admit anything on that?

THE COURT:—Mr. Lewin, you mean the items of expense there indicated would show the details of the business they were transacting?

Mr. Lewin:—I don't think there is any doubt about it.

THE COURT:—Does he know that? Ask him.

By Mr. Lewin:

Q.—Can you remember what the main items of expense were for the National Homeopathic Hospital during 1937?

A.—They would be general operating expenses, such as salaries, food for patients, coal, electric light bills. I know we spent some fourteen thousand dollars that year for a new set of boilers, heating system; had to buy medicines, had to buy supplies, buy sheets once in a while; paint the place.

Q.—How did you get the laundry done?

A.—We did our own.

Q.—Did you maintain a kitchen?

A.—Yes.

Q.—What was the main source of the hospital's revenue?

A.—The patient who came in and occupied the room.

Q.—In other words, you rented these rooms at a regular charge?

A.—Yes.

Q.—And you had expenses for housekeeping, in connection with those rooms?

A.—Yes, we would have office expenses, too. The officers received no pay.

Q.—Did you have expenses for medical and surgical care?

A.—Yes.

Q.—Nursing care?

A.—Yes.

Q.—Anesthesia?

A.—Yes.

Q.—Laboratory?

A.—Yes.

Q.—Operating room?

A.—Yes.

Q.—Pharmacy?

A.—Yes.

Q.—Did you operate a pharmacy?

A.—Well, we had a drug section.

Q.—Did you have to buy drugs?

A.—We furnished drugs.

Q.—How about x-rays?

A.—Yes, we had x-rays.

Q.—Administrative expenses?

A.—Yes, we had to run the office.

Q.—And you have already testified about heat and light and power?

A.—Yes.

Q.—How about maintenance of the building?

A.—Yes, that was an expense; and we reduced the mortgage.

Q.—And dietary?

A.—That went with the food.

Q.—Maintenance of personnel: what would that be?

A.—That would be under the general salaries of all employees; the office force.

Q.—Would you have a library and expense in connection with the maintenance of that library?

A.—No.

Q.—How about medical records and library; would that refresh your memory?

A.—Well, they usually kept the records and they may have had them bound occasionally. I am sure it cost money to keep any records.

Q.—Did you maintain a training school for nurses?

A.—We did until 1936.

Q.—Did you have any charge for ambulances?

A.—We had no ambulance.

Q.—Would you have to rent one when you required an ambulance?

A.—The patient would order an ambulance; we would order it for him.

CROSS EXAMINATION

By Mr. Leahy:

. . . . . .

Q.—Mrs. Dodge, who is she?

A.—She is also president of the ladies' board of the hospital; she is the wife of the real estate man.

Q.—Where is his office?

A.—In the Washington Building.

Q.—And Dr. Custis. Is he Dr. Custis of whom we have spoken here?

A.—Yes.

Q.—And Mr. McRae, who is he?

A.—A retired business man; he formerly represented the L. C. Smith Typewriter people.

Q.—Who is Mr. T. J. Brown?

A.—He is an insurance man.

Q.—Who is Mr. Delos Smith?

A.—An architect.

Q.—And Mr. McKee?

A.—He is vice president of the Security Savings Bank.

Q.—At Ninth and G?

A.—Yes, and they have a branch.

Q.—And Mr. McLachlen?

A.—He is Mr. Lanier P. McLachlen; he is president of the McLachlen Banking Corporation.

Q.—And who is Mr. Doing?

A.—He is treasurer and vice president of the Washington Loan & Trust.

Q.—And Mrs. Thompson is the secretary?

A.—Yes.

Q.—Were these trustees included in that minute the trustees throughout the period during which you acted as president of the board?

A.—Not the entire time.

Q.—I am now showing you Government's Exhibit 453. I notice in there a Mrs. Zoller. Who is she?

A.—She was a visitor; she wasn't a member of the board; she was a member of the ladies' board; she came with Mrs. Dodge.

Q.—And now there is a Mr. and Mrs. Thompson. Who is he?

A.—He is a member of the board, and he is the husband of Mrs. Doris Thompson, the secretary.

Q.—Now you also identified those members on the medical staff who you stated were the most active. Did you mean by that doctors who had the most patients normally in the hospital?

A.—Yes, they were the ones I came in contact with most; I wasn't there all the time. I would see them when I went there and I knew they were the doctors who brought in most of the business. I remembered their names.

Q.—The courtesy staff and the regular staff consisted of many doctors, did it not?

A.—Yes, and then there was an executive staff, which was composed of six or seven.

Q.—But those doctors were the ones who had most of the patients in the hospital during the time you were there as president?

A.—Yes.

Q.—And when you said they were the most active, that is what you referred to?

A.—Yes, they were around the hospital; would know what was going on.

Q.—Now you stated, when your attention was brought to it, that at the meeting of Nov. 4, 1937, there occurred a discussion before the board as to a change in the requirements of the hospital for applicants for staff privileges?

A.—Yes.

Q.—Now before that time, you had always had some requirement for a doctor who desired membership on your staff, did you not?

A.—Yes.

Q.—In other words, any doctor just couldn't come to your hospital with a patient and treat the patient in your hospital?

A.—No.

Q.—Before he went into your hospital to treat a patient, he was required to make application to the Board for the privilege of so doing; is that not it?

A.—Yes. He would come to us.

Q.—What board was it to which he would make such application?

A.—He would write a letter to the hospital. It would be referred to the board of doctors and they would pass on it, and whatever action they would take they would report to the Board of Trustees, and we generally upheld them, whatever they said.

Q.—How many years have you been connected with Homeopathic in any capacity?

A.—About five years; four or five years.

Q.—And during those five years you have been connected with Homeopathic it was the custom and practice, when a doctor would make application to the board of doctors, the doctors would cause an investigation to be made of him, as a result of which they would make their report to your Board of Trustees and your Board of Trustees would then vote on it; is that the way it usually worked?

A.—We did that every year.

Q.—In your hospital staffs were passed on each year?

A.—By the Board?

Q.—Yes?

A.—Yes.

Q.—For instance, if a doctor was admitted to practice in your hospital, that gave him the right to practice for a year after his application was favorably reported on; is that correct?

A.—I don't think we limited him to a year, for the reason that they didn't make application each year after they were first approved.

Q.—Then you didn't have the rule that each year members of the medical staff would have to renew their application for privileges?

A.—It was supposed to be like that, but we didn't stick to it. I think we are doing it now.

Q.—Now, going back to the qualifications. Was there not always a rule in your hospital as to the fundamental qualifications of any applicant for admission to the staff?

A.—Yes.

Q.—Those were set forth in the shape of a by-law; isn't that true?

A.—It was in a little book we had there. We did require a man to be a graduate of a recognized medical school; to have served the necessary internship; to have had experience in the line of work that he intended to do in the hospital, and that he belong to some medical society.

Q.—And do you recall also that rule which you have just told us about which in substance stated that if the doctor was a member of your Homeopathic Society that he was qualified for admission to practice, provided that he had the other requirements; was a graduate of a school you recognized; had served his internship and so forth?

A.—Oh, yes; if he belonged to a Homeopathic Society. I don't know whether there was one in Washington or not. Homeopathics are recognized just the same as allopathics. We didn't confine our hospital to homeopathics. There were many allopathics.

Q.—But if a doctor applied for privileges who was a member of the Homeopathic Society, that qualified him for admission, provided he had the other qualifications which we have just discussed?

A.—Yes.

Q.—And that rule had been in force also during the entire period you were in the hospital?

A.—As long as I was in the hospital it was, yes.

Q.—And during the period while you were there as president of the board, did you have any trouble with the District Medical Society or the American Medical Association about any member of your staff being a member of the Homeopathic Society?

A.—No, we were in good graces with them.

Q.—Never had any difficulty with them?

A.—Never heard of it; never came to my attention.

Q.—And you attended the meetings of the boards pretty regularly?

A.—Yes; when I was able.

Q.—Do you recall whether it was at the meeting of November 4, that the question in reference to the qualifications of applicants for privileges on either staff came up?

A.—I am not quite sure it was, because I attended another meeting; I think on the 11th, and I was so surprised—

Mr. Lewin:—Meeting of what?

The Witness:—I attended the general meeting of the Medical Society in the District of Columbia.

By Mr. Leahy:

Q.—I am referring to the board; your own Board of Trustees.

Mr. Lewin:—He has told you why this came up.

Mr. Leahy:—Let me reframe the question. Let's look over Exhibit 453, let's look that over together, and see if we can refresh your recollection; that is, about the paragraph that refers apparently to what Miss Thompson thought about the matter.

Q.—Will you read that over and see if you can refresh your recollection?

A.—Do you mind if I read it all?

Q.—No, go ahead.

Mr. Lewin:—You will admit he can refresh his recollection from something he didn't sign?

Mr. Leahy:—I am following you.

Mr. Lewin:—Well, it is good law, anyway.

The Witness:—What do you want to ask me?

By Mr. Leahy:

Q.—Do you recall now whether it was the question of changing the requirements for applicants for admission to either staff in your hospital that came up on the evening of Nov. 4, 1937?

Mr. Lewin:—It was noon.

Mr. Leahy:—I mean that day.

A.—Yes, I am quite sure it was brought up at that meeting. This may be Miss Thompson's idea of the whole thing, but I am quite sure it was brought up at that meeting, because I was surprised later to learn that the Medical Society had not taken that action and was still discussing the matter at their meeting of November 11, which I attended.

By Mr. Leahy:

Q.—In any event, Miss Thompson didn't record any action as having been taken of that kind so far as this meeting is concerned?

A.—That is right.

. . . . . .

V 19

Q.—But at all events, to the best of your recollection, the Board on November 4 heard open discussion on the subject and decided that this clinic "isn't accepted by the District Medical Society; we can't recognize it"?

A.—Well, it was discussed in general by a couple of the members. I talked about it. I talked in favor of taking business from Group Health. I believe Mr. McLachlen was favorable to that, but Dr. Custis—I don't think anyone else talked up against it except Dr. Custis, and maybe Miss Thompson. Our people were not very quick to take sides.

Q.—In other words, you freely discussed the matter back and forth?

Mr. Kelleher.—He said he did.

By Mr. Leahy:

Q.—You listened. It was discussed?

A.—Yes.

Q.—I think you said you weren't very quick on making changes but that the matter was discussed.

A.—Yes; and I was in favor of accepting the business, because I knew it would be there. It was just a difference of opinion among the members.

. . . . . .

Q.—Now, do you remember Dr. Custis' discussing one side of it?

A.—Yes.

Q.—Do you remember anything that Dr. Custis said with reference to Group Health Association?

A.—I don't remember his exact words, but it was that this was an organization in business and that they were not acceptable to the Medical Society, and then the Medical Society could not have a proficient staff if we accepted doctors from Group Health; and if we did accept them, the doctors who belonged to the Medical Association would have to resign.

Mr. Lewin.—Resign from what?

The Witness.—From our board.

By Mr. Leahy:

Q.—Let me see if I can refresh your recollection, Colonel. Do you remember when this matter came up for discussion that Dr. Custis was called upon by the Board to give his views with reference to the advisability of recognizing the clinic in the hospital at that time?

A.—Yes; that was discussed.

Q.—Do you remember that Dr. Custis then advised the Board that it had been reported, in his judgment, that G. H. A. was very probably illegal?

A.—I think that was discussed.

Q.—Did he also say that G. H. A. very probably was not financially sound?

A.—I don't think he stated that, because he thought that they had plenty of money. He stated they had plenty of money that was furnished by the Home Owners Loan, or something like that. I saw myself that they had a well equipped place; and I don't think he mentioned the fact that they were not financially responsible.

Q.—Did Dr. Custis say at that meeting that the way the clinic had been financed was by moneys advanced by the Home Owners Loan Corporation and that the fees in the shape of dues which they were charging would not be sufficient to carry them on once the money which they got from the H. O. L. C. was exhausted?

A.—I think that was Dr. Custis's opinion.

Q.—That opinion was considered by the full board, was is not?

A.—In discussing the whole matter?

Q.—Yes.

A.—I suppose it was. They must have had some reason.

Q.—You were there, were you not?

A.—Yes. I disagreed with the doctor, because I thought—

THE COURT.—You have told us that. Just answer the question.

The Witness.—What was the question?

By Mr. Leahy:

Q.—The opinions which you voiced and the opinions which Dr. Custis voiced—the whole angle was talked about on one side or the other and was considered by the full board?

A.—Yes; it must have been.

Q.—And of the nine members present, seven agreed with the views expressed by Dr. Custis?

A.—Yes.

Q.—And you, who had been on the other side of the question, stuck to your opinion and voted against him?

A.—Yes. But after it was all over we were for the whole.

Q.—Then it was the action of the Board after seven had voted for the measure; is not that right?

A.—It was not discussed any more. We would go right along with them.

Q.—You stated something about this having been said, that it would be necessary for the members of the Medical Society who were on your staff to resign in the event you recognized the clinic?

A.—Recognized the doctors and allowed them to practice in our hospital.

Mr. Lewin.—I object to that. Colonel Randall did not say that; he said Dr. Custis said that. That is in the evidence.

Mr. Leahy.—All right. I do not care who said it. I want to get the fact. Somebody said it.

By Mr. Leahy:

Q.—Was it Dr. Custis?

A.—I understood you to ask me what I understood Dr. Custis to say.

Q.—It was Dr. Custis who said that in connection with the matter?

A.—Yes.

Q.—Is not this what he said to you in connection with that clinic, which he said was very probably illegally conducting business, and he said something which brought up the discussion with reference to the finances of the clinic, that if the hospital at this time permitted the doctors to practice in your hospital, and later on the District Medical Society did not approve the clinic, that then, under the constitution of the District of Columbia Medical Society, the doctors would be prevented from practicing in your hospital? Is not that what he said, in substance? I cannot quote his words.

A.—It might be something like that.

Q.—Do you remember also that there was a discussion in the meeting about the doctors being paid salaries at Group Health and that they were charged monthly fees and that they did no charity work? Do you remember a discussion about Group Health doing no charity work?

A.—Yes.

Q.—Do you remember Dr. Custis saying that the clinic was not set up to help the poor, and that the poor would still be thrown back upon the regular doctors who now attended them?

A.—He may have mentioned that; but I told him I thought it was a good thing.

Q.—You still stuck by your opinion?

A.—For, if you can buy medical care for $3 a month that is good—

Q.—Did Dr. Custis take issue and say that you cannot provide care for $3 a month, and that is why it was financially unsound?

A.—I don't think he used those words, but I think those were his ideas; yes.

Q.—I do not talk medical language?

A.—Yes; I think that was his idea.

Q.—Finally the conclusion of the action as to that hospital was that if at a later date the District Medical Society accepted and approved the clinic, your board would then consider the plan of G. H. A.; is that right?

A.—Yes. Up to that time we had no applications from them.

Q.—I want to ask you if you will not kindly look over Government Exhibit 454 again, Colonel, please. If you want to read that front page, just read that over, will you? Do you recall whether in the meeting of December 30 there was any discussion of the recommendation from the executive staff with reference to the qualifications of doctors on the staff of your hospital?

A.—We approved the staff as submitted by the doctors. Dr. Custis brought a list and we approved that.

Q.—That list came from where?

A.—It was made up of the men who had been accepted by the group of doctors, and also approved by the Board the year before. I do not think there were any new ones admitted during that year except resident doctors and interns. I don't know of any new ones that came in there.

Q.—You mentioned the fact that Dr. Custis would bring it in from a group of doctors. Was that group known as the Executive Staff of the hospital?

A.—Yes, sir.

Q.—How many doctors were on that staff?

A.—On his immediate group I believe there were about five.

Q.—Could you name them?

A.—Dr. Custis, Dr. Birdsall, Dr. Davidson, Dr. Sappington and Dr. Shearer. I think they were the principal ones.

. . . . . .

Q.—And that was the Executive Staff from which a recommendation came that the courtesy staff be again accepted "with the exception of the doctors who are not recognized by an organized medical society in Washington and vicinity." Do you remember that?

A.—I am not sure of the wording of it, but I know they brought in a recommendation and we approved it.

. . . . . .

Q.—When it speaks of giving three months grace in which to join such a medical society, that means, does it not, that the doctors whom the Executive Staff recommended for acceptance by your board of trustees, if they did not belong to the District Society, the Homeopathic Society or the Virginia Society, they had three months in which to join?

A.—They had three months. I understand that to be three months in which to join a medical society; those men out of town who occasionally practice at Homeopathic and were still on the staff.

Q.—Did they mean the Medical Society of Washington, D. C., or in Maryland or in Virginia?

A.—After that meeting it would mean the D. C. Medical Society.

Q.—Only the D. C. Medical Society?

A.—Yes.

. . . . . .

By Mr. Leahy:

Q.—Now, Colonel, you do not know anything about this letter personally, do you—Exhibit 339?

A.—That must be what Mr. Penniman called me up about. He called me out in the country—

Mr. Lewin.—What is that?

A. (Continuing)—and I had to apologize to him. He got a letter from the hospital.

THE COURT.—Let us have the examination in an orderly way, please.

Mr. Lewin.—I could not understand what he said.

THE COURT.—The witness goes on voluntarily to speak of things that are not asked. Let us confine the examination. I was speaking more to the witness than I was to you.

By Mr. Leahy:

Q.—You were asked several questions in reference to items of expense that went into the conduct of the hospital. Homeopathic Hospital was running a regular hospital?

A.—Yes.

Q.—And any of the expenses which you incurred in the conduct, maintenance and operation of the hospital were made necessary in the conduct, maintenance and operation of a hospital for the sick?

A.—Oh, yes.

Q.—You were asked about a drug store. You were not conducting a drug store for public patronage, were you?

A.—No, sir,

Q.—The drug store was made necessary because drugs had to be taken from it in order to care for the sick?

A.—We merely had a department where we kept some drugs.

Q.—And when you were talking about a dietary, you did not mean that you were running a lunch room for public use?

A.—Not at all.

Q.—And you were not buying and selling coal as a business?

A.—No.

Q.—There was not anything which you did in connection with the hospital except to incur the necessary expenses required to take care of a proper place for the sick?

A.—That is correct.

RE-DIRECT EXAMINATION

By Mr. Lewin:

Q.—You testified, I believe, that Dr. Custis told the board of trustees at the November meeting that unless the staff were limited in a certain way, the members of the Homeopathic Medical Staff who were members of the District Medical Society would have to leave your hospital; is that right?

A.—Yes, sir.

Q.—What was the limitation that he said the hospital would have to put into effect in order to avoid that?

Mr. Leahy.—I do not like to interrupt, but that has been gone over by both of us.

Mr. Lewin.—You tried to shake it, and I did not want it left confused.

Mr. Leahy.—It is not confused. The record shows what we both said.

Mr. Lewin:—I am entitled to have his testimony.

THE COURT:—If you think there is any doubt about it you may ask him. I want counsel on both sides to avoid mere repetition.

Mr. Lewin:—I am trying to.

THE COURT:—If counsel have any doubt about it of course I want it cleared up. You may ask the question.

Mr. Lewin:—Will you read the question, Mr. Reporter?

(The last two questions and answers were read by the reporter as above recorded.)

Mr. Leahy:—That is pure repetition, if your Honor please.

Mr. Lewin:—We have been all over that.

Mr. Leahy:—I know you have.

Mr. Lewin:—No; I mean, your objection.

THE COURT:—Give the witness a chance to think, and let him answer, and then we will get along with the next question. Have you got the question, Colonel?

The Witness:—I have it.

THE COURT:—All right. You may answer.

The Witness:—My impression was, from Dr. Custis's statement, that the Medical Society had changed their requirements, or it may have been their by-laws or something, that local medical society doctors could be on the staff of local hospitals only where all doctors or surgeons in the hospital were members of the local society.

By Mr. Lewin:

Q.—That is, the District of Columbia Medical Society?

A.—Yes. That was my understanding.

THE COURT:—That answers your question, does it not, Mr. Lewin?

Mr. Lewin:—Yes, sir.

By Mr. Lewin:

Q.—I want to know whether that was one of the things the board considered when they voted as they did on November 4, that they could not make any contract or do any business with Group Health.

A.—Yes.

Q.—That is the thing they were considering?

A.—Yes.

THE COURT:—Do not ask it twice.

Mr. Richardson:—The trouble is that when he asked it the second time he changed it.

THE COURT:—I just do not want counsel to repeat.

By Mr. Lewin:

Q.—You said you went to some meeting on November 11. How do you know it was November 11?

A.—Because it happened to be Armistice night.

Q.—Where did you go to this meeting?

A.—I attended the meeting of the Medical Society at their headquarters on M Street.

Q.—How did you happen to attend? Were you a member?

A.—No. I was invited.

Q.—Who invited you?

A.—Several of the doctors.

Q.—When you went there you heard a discussion about the limitation of hospital staffs, did you?

A.—Yes. They discussed Group Health quite a lot. They were discussing this amendment that I believe was already adopted, as far as our hospital was concerned.

Q.—They were discussing this amendment that your hospital adopted?

A.—Yes, sir.

TESTIMONY OF GEORGE W. DINGLE

DIRECT EXAMINATION

By Mr. Timberlake:

George W. Dingle said he is a special agent of the Federal Bureau of Investigation, where he has been employed approximately five and a half years. He is assigned to the examination of questioned documents, which includes a comparison of known handwriting, hand printing, typewriting and mechanical impressions and other forms of document work.

He attended Indiana University, where he was granted the Bachelor of Arts, Master of Arts, and Doctor of Philosophy degrees. He has done special work in the field of document examination.

Q.—I hand you photostats, the first of which is a letter from J. Ogle Warfield to Warren Sager, the second of which is a document bearing names of various hospitals, next a list of doctors, and next those that require membership in the District Medical Society. The third is a questionnaire bearing the handwritten notation "Children's" at the top, and the next is one bearing the handwritten notation "Garfield" at the top. I ask

you if you have examined those photostats and made a comparison between the handwriting on the first one which I handed you, that is, the signature—

Mr. Richardson:—Suppose you use exhibit numbers.

Mr. Lewin:—He is entitled to proceed in any way he wants to.

Mr. Richardson:—We will see about that.

THE COURT:—As the witness is being asked concerning certain papers they should, for the purpose of the record, be identified by the numbers. I think that would help.

By Mr. Timberlake:

Q.—I hand you Government Exhibit 313, which is in evidence, and ask you if the first photostat which I handed to you is a faithful copy of that original?

A.—I think it is.

Q.—I hand you Government Exhibit 313, which is in evidence, and ask you if the second photostat which I have handed you is a faithful copy of the original?

A.—It is.

(The witness then identified a number of exhibits by the handwriting.)

Mr. Timberlake:—Now, reading from Government Exhibits 302 and 303, the questionnaire which bears the handwriting notation at the top "Garfield":

"QUESTIONNAIRE Garfield

1. What communication or inquiry has your hospital had from Group Health Association, Inc.?
Asking to admit Pt. & physician.
2. What reply has your hospital made to Group Health Association, Inc.?
Will admit Pt. Drs. must apply for priv.
Dr. Selders has applied and will go thru routine.
3. Which, if any of the following Doctors are now members of your Medical Staff in any capacity or have privileges to practice in your hospital.
Dr. Henry Rolf Brown. Dr. R. Stephen Hulburt.
Dr. Allan E. Lee. Yes. Dr. Raymond E. Selders.
Dr. Mario Scandiffio. Dr. Edmund D. Wells.
4. Is your hospital in sympathy with the policies of The Medical Society of D. C?
Yes.
5. Is the entire Medical Staff of your hospital reappointed annually?
Yes.
6. Are appointments to the Medical Staff of your hospital approved by The Medical Staff?
Recommended by Med. Staff.
7. What governing body of your hospital finally makes appointments to the Medical Staff?
Bd. of Directors.
8. Does your hospital require membership in the Medical Society of D. C. as a qualification for appointments to its Medical Staff?
Yes or have applied.
9. What percentage of the entire medical staff of your hospital are members of the Medical Society of D. C.?
Over 75%—All recent appointments.
10. Does your hospital require membership in the A. M. A. as a qualification for appointment to its Medical Staff?
No but for appts. to staff and privileges they use form recommended by A. M. A.
11. What percentage of the entire Medical Staff of your hospital are members of the A. M. A.?
All active staff.
12. Is your hospital a beneficiary of Community Chest funds?
Yes.
13. Will you kindly make any other inquiry that you think might be pertinent at this time?"

Mr. Richardson:—They were all signed by Warfield?

Mr. Kelleher:—Warfield represented Garfield for the committee.

Mr. Timberlake:—I will read Government Exhibit 308:

"QUESTIONNAIRE Children's

1. What communication or inquiry has your hospital had from Group Health Ass., Inc.?
Requesting admission of pts. and privileges for Dr. Selders.
2. What reply has your hospital made to Group Health Association, Inc.?
Will admit pts. & Drs. must make regular application.
3. Which, if any of the following Drs. are now members of your Medical Staff in any capacity or have privileges to practice in your hospital? None."
After the name of Dr. Mario Scandiffio there is the handwriting notation:
"Resignation accepted."
"4. Is your hospital in sympathy with the policies of The Medical Society of D. C.?
Yes.
5. Is the entire Medical Staff of your hospital reappointed annually?
Yes.
6. Are appointments to the Medical Staff of your hospital approved by The Medical Staff?
Yes—recommended.
7. What governing body of your hospital finally makes appointments to the Medical Staff?
Bd. of Directors.
8. Does your hospital require membership in the Med. Soc. of D. C. as a qualification for appointments to it's Medical Staff?
Yes.
9. What percentage of the entire medical staff of your hospital are members of the Medical Society of D. C.?
100%.
10. Does your hospital require membership in the A. M. A. as a qualification for appointment to its Medical Staff?
No.
11. What percentage of the entire Medical Staff of your hospital are members of the A. M. A.?
Probably majority.
12. Is your hospital a beneficiary of Community Chest funds?
Yes.
13. Will you kindly make any other inquiry that you think might be pertinent at this time?"

TESTIMONY OF EDNA H. TREASURE

DIRECT EXAMINATION

By Mr. Lewin:

Mrs. Edna H. Treasure has been Superintendent, National Homeopathic Hospital, for three years.

. . . . . .

(She identified roster of the hospital and minutes of the staff meetings.)

"May 17, 1938.

"The regular meeting of the Executive Staff was held at 12:30 p. m. in the Superintendent's office, Dr. Sappington presiding.

"Applications for courtesy staff memberships were considered and approved for:

"Dr. Hyder—Normal OB-medicine, anesthesia.

"Dr. Verlin E. Miles—Normal OB medicine.

"Recommendation was made that applications be approved, with the understanding that continuous service on the courtesy staff be contingent upon affiliation with only those associations approved and recognized by the Dis. Medical Society.

"A motion was made by Dr. Custis that notice of the above action be sent to all hospitals and the D. M. S." It is signed "E. Treasure."

CROSS EXAMINATION

By Mr. Leahy:

. . . . . .

Q.—I am now handing you Exhibit 451 and will ask you to look at the first page of it. Would you say those were the doctors that constituted the Executive Staff?

A.—At that time Dr. Elward was not.

Q.—Do you know who was there in his place?

A.—Dr. Claude Moore.

Q.—So the Executive Staff at that time consisted of Dr. W. P. Baker, Dr. J. H. Branson, Dr. Tomas Cajigas, Dr. J. B. G. Custis, Dr. J. F. Davidson, Dr. Claude Moore, Dr. Bernard Notes, Dr. E. F. Sappington, Dr. J. P. Shearer, Dr. W. C. Sterling and Dr. C. F. Warner. Is that right?

A.—That is right.

Mr. Timberlake:—Before the next witness comes in I would like to offer in evidence Exhibit 470, which was produced from the files of the Georgetown University Hospital, being a letter dated Dec. 2, 1937, from Dr. Conklin to the Chief of Staff. The signature of Dr. Conklin can be compared with a number of exhibits which are in evidence.

(Letter dated Dec. 2, 1937, from Conklin to Chief of Staff, Georgetown University Hospital, was marked U. S. Exhibit No. 470 and received in evidence.)

TESTIMONY OF JUNE M. GRUBB

DIRECT EXAMINATION

By Mr. Timberlake:

June M. Grubb has been secretary to Dr. Dardinski for five months. She identified his signature.

TESTIMONY OF BENJAMIN B. SANDIDGE

DIRECT EXAMINATION

By Mr. Allen:

Benjamin B. Sandidge has been during the period from Jan. 1, 1937, to Dec. 30, 1938, Superintendent of Emergency Hospital.

As part of his duties he attended Executive Staff meetings. He identified minutes of the meetings; also correspondence with Drs. Allen Lee, Gist, Blair, Aspinwall and Conklin, and the annual report of Emergency Hospital.

(Counsel for both sides approached the bench and conferred with the court.)

(To be continued)

MEDICAL LEGISLATION

MEDICAL BILLS IN CONGRESS

Bills Introduced.—H. R. 3738, introduced by Representative Haines, Pennsylvania, proposes to establish a Chiropody Corps in the Medical Corps of the United States Army. Appointments in this corps will be made in the grade of first lieutenant, it is proposed, and officers of the corps will be promoted to the grade of captain after three years' service, to the grade of major after twelve years' service, to the grade of lieutenant colonel after twenty years' service and to the grade of colonel after twenty-six years' service. H. R. 3790, introduced by Representative May, Kentucky, proposes to authorize the appointment of female dietitians and female physical therapy aids in the Medical Department of the Army.

DISTRICT OF COLUMBIA

Bill Introduced.—H. R. 3871, introduced by Representative Burdick, North Dakota, proposes to make it a misdemeanor for any person to experiment or operate in any manner whatsoever on any living dog in the District of Columbia, for any purpose other than the healing or curing of the dog.

STATE MEDICAL LEGISLATION

Arizona

Bill Introduced.—H. 178 proposes to enact a separate osteopathic practice act and to create an independent board of osteopathic examiners to examine and license applicants for licenses to practice osteopathy. The bill defines "osteopathy" as "that system of treatment and healing of abnormalities of the human mind and body by manipulation, medicine and surgery, as taught and practiced in the standard colleges of osteopathy." The bill proposes that osteopaths shall "have equal rights and privileges with physicians and surgeons of other schools of medicine relative to the treatment of cases and the holding of public office or position."

Arkansas

Bills Introduced.—S. 249 proposes to authorize the compulsory sexual sterilization of inmates of state institutions who would be likely if released without sterilization to procreate offspring with a tendency to serious physical, mental or nervous disease or deficiency. H. 587, to supplement the medical practice act, proposes to require all licentiates of the State Medical Board of the Arkansas Medical Society to register annually on or before July 1 with the board and at that time to pay such registration fees as may be fixed by the board.

Georgia

Bill Introduced.—S. 152 proposes in effect to authorize courts to enjoin the unlicensed practice of medicine and other professions and vocations.

Indiana

Bills Introduced.—H. 315 proposes to authorize the establishment and operation by the state of a hospital for the care and treatment of crippled children, including children afflicted with infantile paralysis. H. 443 proposes to enact a separate naturopathic practice act and to create an independent board of examiners in naturopathy to examine and license applicants for licenses to practice naturopathy. H. 459 proposes to authorize the organization of corporations not for profit to operate nonprofit hospital service plans whereby hospital care is provided by any hospital or group of hospitals with which such corporations have contracts to members of the public who become subscribers to such hospital service plans.

Kansas

Bill Introduced.—H. 286, to amend the osteopathic practice act, proposes, under the purported guise of aiding the national defense, to permit licensed osteopaths to practice operative surgery and obstetrics and to administer antiseptics, anesthetics, narcotics and biologicals.

Minnesota

Bill Introduced.—H. 756 proposes to authorize the chief administrative officer of any public or private hospital, with the consent of its board of directors, to cause to be transferred and recorded on photographic film any or all of the original files and records of the hospital dealing with case history, physical examination and daily hospital records, including any miscellaneous documents, papers and correspondence in connection therewith. Such photographic films shall have the same force and effect when offered in evidence as the original records from which they were made.

Nevada

Bill Introduced.—A. 117 proposes that every physician attending a pregnant woman during gestation for conditions relating to pregnancy shall make such examination, including a standard serologic test, as may be necessary for the discovery of syphilis. The physician is to take or cause to be taken a sample of her blood at the time of the first examination and is to submit that sample to a qualified laboratory for a standard serologic test for syphilis.

New Mexico

Bill Introduced.—H. 211 proposes, in effect, to permit any practitioner of the healing art to attend and treat patients in any governmental hospital or any privately owned hospital receiving any portion of its funds, provided only that the patient requests the attendance of such practitioner and that the practitioner is licensed to practice the healing arts for which he is called on to administer.

Oklahoma

Bill Passed.—Senate Committee Substitute for S. 52 passed the Senate February 27 proposing to prohibit the retail sale and distribution of veronal, barbital, nembutal, sodium amytal, chloralhydrate, bromidia, sulfanilamide, sulfapyridine, sulfathiazole, thyroid gland, benzedrine or amphetamine preparations, or compounds or derivatives of any of the foregoing drugs except on the original written prescription of a licensed practitioner of medicine, dentistry or veterinary medicine.

Texas

Bills Introduced.—H. J. Res. 15 proposes an amendment to the state constitution under which the counties, on a vote as a majority of the resident property tax paying voters, could authorize a tax not to exceed 25 cents on the one hundred dollar valuation to construct and maintain public free hospitals. H. 459 proposes to enact a separate chiropractic practice act and to create an independent board of chiropractic examiners to examine and license applicants for licenses to practice chiropractic. The bill proposes to define chiropractic to be "the Science of Palpating and adjusting the articulations of the human spinal column." Licensed chiropractors are to be entitled to practice chiropractic as defined and are to be subject to all rights, disabilities, limitations and restrictions of other licensed health practitioners.

Utah

Bill Introduced.—H. 143 proposes to grant to a hospital treating an injured person a lien on the cause of action, suit, claim or demand accruing to the injured person by reason of his injuries.

Vermont

Bills Introduced.—S. 71 proposes to require a practitioner of medicine and surgery attending a pregnant woman to take a sample of her blood prior to the third month of gestation and to submit the sample to a laboratory approved by the state board of health for a standard serologic test for syphilis. H. 204 proposes that a child over 6 years of age shall not be received into a public or private school unless vaccinated for smallpox.

Washington

Bill Introduced.—S. 317 proposes to enact a separate sanipractic practice act and to require the governor to appoint a committee to be known as the "Sanipractic Physicians' Examin-

ing Board of Washington" to examine and license applicants for licenses to practice sanipractic. The bill states that "Sanipractic is the science and art of applied prophylactic and therapeutic sanitation, which enables the physician to direct, advise, prescribe or apply food, water, roots, herbs, light, heat, exercises active and passive, manipulation, adjusting tissue, vital organs and anatomical structure by manual, mechanical or electrical instruments or appliances; or other natural agency, to assist nature restore a psychological and physiological interfunction for the purpose of maintaining a normal state of health in mind and body. Above definition copyrighted 1919 for the purpose of protecting a separate and coordinate principle of healing."

OFFICIAL NOTES

RADIO BROADCASTS

"Doctors at Work" is the title of the sixth annual series of dramatized radio programs being presented by the American Medical Association and the National Broadcasting Company.

The program is scheduled for 10:30 p. m. eastern standard time (9:30 central, 8:30 mountain, 7:30 Pacific time) over the Blue network, other N. B. C. stations and Canadian stations.

Descriptive posters for local distribution may be had gratis from the Bureau of Health Education, American Medical Association, 535 North Dearborn Street, Chicago. Program titles will be announced weekly in THE JOURNAL and monthly in *Hygeia*, the Health Magazine.

Tickets are available for each broadcast. Address the Bureau of Health Education, American Medical Association, 535 North Dearborn Street, Chicago. Tickets are free, but a stamped self-addressed envelop should accompany requests.

The next three programs to be broadcast, together with their dates and titles, are as follows:

March 19. First Line of Defense.
March 26. Health for the Workman.
April 2. Invisible Invaders.

WOMAN'S AUXILIARY

WINNERS IN THE HYGEIA CONTEST

The American Medical Association offered $400 in cash prizes to the state and county auxiliaries which obtained the largest number of subscription credits to *Hygeia*. The contest covered the period from Sept. 1, 1940, to Jan. 31, 1941.

Cash prizes were awarded as follows:

Group 1. Auxiliaries with a membership of from one to thirteen:

First prize, $40, to Cass County, Mo., Mrs. David S. Long, secretary-treasurer, Harrisonville, Mo.

Second prize, $25, to Childress-Collingsworth-Hall counties, Texas, Mrs. E. W. Moss, Hygeia chairman, Wellington, Texas.

For the third prize, $15, no county qualified by sending twenty-five subscriptions.

Group 2. Auxiliaries with a membership of from fourteen to twenty-three:

First prize, $40, to Chelan County, Wash., Mrs. N. M. Bellas, Hygeia chairman, Wenatchee, Wash.

Second prize, $25, to Baldwin County, Ga., Mrs. C. H. Richardson, president, Milledgeville, Ga.

Third prize, $15, to Kern County, Calif., Mrs. Eric Colby, Hygeia chairman, Bakersfield, Calif.

Group 3. Auxiliaries with a membership of from twenty-four to forty-two:

First prize, $40, to Vermilion County, Ill., Mrs. Holland Williamson, Hygeia chairman, Danville, Ill.

Second prize, $25, to Bowie-Miller County, Ark., Mrs. Ralph Cross, Hygeia chairman, Texarkana, Ark.

Third prize, $15, to Walla Walla Valley, Wash., Mrs. J. W. Ingram, Hygeia chairman, Walla Walla, Wash.

Group 4. Auxiliaries with a membership of from forty-three to five hundred and ninety-five.

First prize, $40, to Buchanan County, Mo., Mrs. Charles H. Werner, Hygeia chairman, St. Joseph, Mo.

Second prize, $25, to Cook County, Ill., Mrs. Clyde Landis, Hygeia chairman, Chicago.

Third prize, $15, to Westmoreland County, Pa., Mrs. I. J. Ober, Hygeia chairman, Greensburg, Pa.

State winners:

First prize, $40, to state of Illinois, Mrs. E. M. Egan, Hygeia chairman, Chicago.

Second prize, $25, to state of Washington, Mrs. Martin Norgore, Hygeia chairman, Seattle.

Third prize, $15, to state of Missouri, Mrs. Charles H. Werner, Hygeia chairman, St. Joseph.

Honorable Mention was given to the following counties:

Weld County, Colo., Mrs. Theodore E. Heinz, chairman, Greeley.

Duval County, Fla., Mrs. Raymond H. King, chairman, Jacksonville.

Sangamon County, Ill., Mrs. J. E. Reisch, chairman, Springfield.

Will-Grundy County, Ill., Mrs. Bernard Klein, chairman, Joliet.

Dubuque County, Iowa, Mrs. Walter Cary, chairman, Dubuque.

Sedgwick County, Kan., Mrs. Frank Emery, chairman, Wichita.

Park Region Auxiliary, Minnesota, Mrs. W. O. B. Nelson, chairman, Fergus Falls.

Berks County, Pa., Mrs. Clarence E. Goode, chairman, Reading.

Crawford County, Pa., Mrs. J. R. Gingold, chairman, Meadville.

Jefferson County, Texas, Mrs. G. B. Stephenson, chairman, Beaumont.

Kerr-Kendall-Gillespie-Bandera counties, Texas, Mrs. Sam E. Thompson, chairman, Kerrville.

Yakima County, Wash., Mrs. Delmar Bice, chairman, Yakima.

Other counties that have made or exceeded their quota were:

Washington County, Ark.; Riverside County, Calif.; Logan County, Ill.; Shawnee County, Kan.; Greene County, Mo.; Jackson County, Mo.; LaFayette County, Mo.; Cayuga County, N. Y.; Polk Marion County, Ore.; Bucks County, Pa.; Lebanon County, Pa.; Salt Lake County, Utah; Clark County, Wash.; Cowlitz County, Wash.; King County, Wash.; Kitsap County, Wash.; Pierce County, Wash.; Kenosha County, Wis.; Portage County, Wis.; Racine County, Wis.; Rock County, Wis.; Washington County, Wis.

The final result in this year's contest was eight thousand four hundred and eighty subscriptions.

To the Hygeia chairmen, officers and members of the various county and state woman's auxiliaries who have assisted in making this contest a success, Mrs. W. J. Wanninger, national Hygeia chairman, and the circulation manager of *Hygeia* express appreciation.

Medical News

(PHYSICIANS WILL CONFER A FAVOR BY SENDING FOR THIS DEPARTMENT ITEMS OF NEWS OF MORE OR LESS GENERAL INTEREST: SUCH AS RELATE TO SOCIETY ACTIVITIES, NEW HOSPITALS, EDUCATION AND PUBLIC HEALTH.)

ALABAMA

The Nutrition Clinic at Birmingham. — In 1937 the department of internal medicine of the University of Cincinnati, the director of which is Dr. Marion A. Blankenhorn, started a clinic in nutrition in Birmingham at the invitation of the staff of the Hillman Hospital, and the clinic has operated since then each summer during the season when pellagra is prevalent. During the last season, which ended in November, 1,729 persons with deficiency disease were studied and treated. Last summer departments of seven additional separate colleges sent investigators or teams of workers mainly to do biochemical, bacteriologic, neurologic and psychiatric studies. These were the Ohio State University Department of Bacteriology, Iowa State University Department of Pathology and Neurology, University of Texas Department of Chemistry, University of Wisconsin Department of Biochemistry, Washington University Department of Medicine, University of California Department of Experimental Biology, University of Cincinnati Departments of Ophthalmology and Psychiatry, and Carleton College Department of Chemistry. The clinic is housed in a new clinic and laboratory building built by Jefferson County with federal aid, and the laboratories were equipped by the Jefferson County commissioners. The budget of the clinic last year was about $56,000, not counting the outlay made by the various collaborators, and for the coming season the clinic will be aided by a grant of $37,500 from the National Foundation for Infantile Paralysis, Inc., to study the relation of nutrition to infectious diseases. The first season at the clinic was financed by the University of Cincinnati and Western Reserve University, Cleveland. Subsequent seasons have been financed with aid from the Rockefeller board, the Macy Fund and the Markle Foundation, and by various private corporations interested in nutrition.

CALIFORNIA

Annual Report of Blood Bank.—During the first year of operation of the blood bank at San Francisco Hospital, San Francisco, blood was taken from 1,747 persons and transfusions were given to 1,670. According to a report 48, or 2.7 per cent, of the total 1,747 blood samples taken showed a positive Wassermann reaction; 12, or 0.6 per cent, showed a history of malaria; less than 0.5 per cent of the specimens drawn were not used because of the unsatisfactory condition of the blood, and only 165, or 10 per cent, of recipients showed any reactions; no deaths resulted from transfusions. After one year of operation of the blood bank it is possible to give about one hundred and seventy blood transfusions a month, whereas previously it was possible to give an average of about forty transfusions. Prior to the establishment of the bank, the department of public health paid for most of the transfusions at a cost of $25 a donor. With the inauguration of the service only about $100 a month was paid by the department during the calendar year 1940 for professional blood donors. These donors were used in the few cases in which the blood types required were not available at the time in the storehouse of the blood bank.

CONNECTICUT

Dr. Francis Blake Appointed Dean at Yale. — Dr. Francis G. Blake, Sterling professor of medicine, Yale University School of Medicine, New Haven, and acting dean since the retirement of Dr. Stanhope Bayne-Jones on July 1, 1940, has been made dean, effective July 1. Dr. Blake joined Yale's faculty as John Slade Ely professor of medicine in 1921 and served with that title until 1927, when he became Sterling professor.

Hospital Districts for Mental Patients. — Connecticut has been divided into three districts to take care of mental patients throughout the state. Classified by the state board on hospital districts, established under the 1939 supplements to the general statutes, cities and towns throughout the state have been grouped in districts so that mental commitments may be directed to three state hospitals: Connecticut, Norwich and Fairfield. A provision has been made for changes in the districts twice yearly if necessary and will be made whenever the experience of the preceding six months indicates there have been unequal admission rates to the hospitals. The state board on hospital districts is also prepared to consider at its regular meetings requests for adjustments of the district, according to the state medical journal.

GEORGIA

Surgical Meeting of Railway Groups. — The Surgical Association of the Atlanta and West Point Railroad Company, the Western Railway of Alabama and the Georgia Railroad will be held at the Atlanta Biltmore, Atlanta, March 20. The following program will be presented:

Dr. William W. Young, Atlanta, Importance of the Personality Aspect of Railroad Employees.
Dr. Floyd W. McRae, Atlanta, Significance of Abdominal Pains.
Dr. Gordon B. Myers, Detroit, Clinical Experience with Sulfathiazole.

Following a round table discussion and luncheon, Dr. Hugh M. Lokey, Atlanta, president of the association, will present his official address on "Eye Symptoms Associated with General Diseases."

IDAHO

Personal. — Dr. Anton C. Sibilsky, formerly of Laurium, Mich., has been appointed in charge of the North Central Idaho health unit, succeeding Dr. Hugh F. Stanton.

Society News. — Dr. Raphael C. McDonough, Spokane, Wash., discussed "Treatment of Skin Diseases" before the North Idaho District Medical Society in Lewiston, January 15. ——The South Side Medical Society was addressed at Twin Falls, January 21, by Drs. Thomas M. Joyce, Portland, on appendicitis and Laurence Selling, Portland, rupture of the intervertebral disk. They discussed similar subjects before the Southwestern District Medical Society in Boise on January 20.

MASSACHUSETTS

Dr. Gordon Named Liaison Officer with British Ministry of Health.—Dr. John E. Gordon, professor of preventive medicine and epidemiology, Harvard Medical School, Boston, and now in charge of the Red Cross-Harvard University Hospital recently established in England, has been appointed United States liaison officer with the British Ministry of Health, according to *Science*. The appointment was made on the invitation of Malcolm Macdonald, then minister of health.

Dr. Salter Goes to Yale.—Dr. William T. Salter, assistant professor of medicine at Harvard Medical School, Boston, has been appointed professor of pharmacology at Yale University School of Medicine, New Haven, effective July 1. A native of Boston, Dr. Salter graduated in medicine at Harvard in 1925. Completing his medical residency at Massachusetts General Hospital, he was Moseley Traveling Fellow and research fellow in medicine for Harvard from 1928 to 1929, when he became tutor in the biochemical sciences. He has been assistant professor since 1935 and research fellow in biochemistry of the Harvard Cancer Commission since 1929. Dr. Salter has written numerous scientific papers along the lines of his research.

MINNESOTA

The Jackson Lecture.—Carl R. Moore, Ph.D., professor and chairman of the department of zoology, University of Chicago, will present the annual Clarence Martin Jackson Lecture in Minneapolis, March 19, on "The Significance of Hormones in Embryonic Sex Differentiation." The Jackson lectureship was established in 1933 by Phi Beta Pi fraternity in honor of Dr. Clarence M. Jackson, professor and head of the department of anatomy at the University of Minnesota Medical School, Minneapolis, since 1913.

NEW JERSEY

Society News. — Drs. Thomas H. Cherry, New York, addressed the Hudson County Medical Society, Jersey City, February 4, on office gynecology. —— Dr. Herbert T. Kelly, Philadelphia, addressed the Cumberland County Medical Society, Bridgeton, February 11, on "Newer Concepts in the Treatment of Diabetes."——Dr. Walter I. Lillie, Philadelphia, addressed a stated meeting of the Academy of Medicine of Northern New Jersey, Newark, February 20, on "Fundal Changes Associated with Arterial Hypertension." Drs. Edward D. Churchill, Boston, and Charles F. Bove, New York, discussed "War Wounds and Injuries of the Chest" at a meeting of the acad-

emy's section on medicine and pediatrics in conjunction with the lung committee of the Essex County Medical Society, February 11.——Dr. George R. Minot, Boston, addressed the Essex County Medical Society, Newark, February 13, on "Etiology, Diagnosis and Treatment of the Anemias."——Speakers at a meeting of the Camden County Medical Society, Camden, February 4, were Drs. Hyman I. Goldstein, Camden, on "Interesting Cases of Ulcer of the Stomach"; Paul M. Mecray Jr., Camden, "Multiple Polyposis of the Colon," and Norman M. Scott, Trenton, "Medical Service Administration Plan."——Dr. Harold E. B. Pardee, New York, addressed the Passaic County Medical Society, Paterson, February 13, on "Management of Patients with Rheumatic Fever, Particularly in Regard to Cardiac Complications," and Dr. Norman M. Scott, Trenton, "Medical Service Administration."

NEW YORK

Courses for County Societies.—The council committee on public health and education of the Medical Society of the State of New York has arranged several courses for county societies to continue through the spring at intervals of one or two weeks. A course on traumatic surgery is being presented for the Fulton County Medical Society at Gloversville and Johnstown alternately on Fridays from February 21 to April 4. Dr. William S. Ladd arranged a course on general medicine for the Tompkins County society that is being given in Ithaca between March 3 and May 5. A course in general medicine was arranged by Dr. Albert F. R. Andresen, Brooklyn, with speakers from Long Island College of Medicine on alternate Thursdays from March 27 to May 22 for the Columbia County society at Hudson. Dr. Andresen arranged a similar course for the Otsego County society at Oneonta on the second Tuesday of each month from March to June. The Wayne County society is having a course on general medicine in Newark and Lyons alternately on alternate Tuesdays, February 4 to April 15, partly in cooperation with the state department of health. A course in general medicine is also being presented for the Genesee County society on six Tuesdays from February 18 to May 6. Dr. Clayton W. Greene, Buffalo, arranged a course on "Treatment of Common Diseases" for the Schenectady County Medical Society in Schenectady from March 5 to April 9. A group of three lectures on traumatic surgery arranged by Dr. Henry H. Ritter, New York, was presented in Oneida on Wednesdays beginning January 29, and four miscellaneous lectures in later successive weeks were planned in cooperation with the state department of health. A sanitation symposium was presented before the Oswego County Medical Society, Oswego, January 29, with addresses on milk and water supplies by members of the staff of the division of sanitation of the state health department, stressing emergency procedures in case of catastrophe.

New York City

Centennial Celebration.—The sixth annual alumni day of the New York University College of Medicine will be held, March 22, as part of the centennial celebration of the college. A dinner will be held Friday evening, March 21, at the Hotel Roosevelt with the following speakers: Harry Woodburn Chase, Ph.D., chancellor of the university; W. Somerset Maugham, author, and James Rowland Angell, Ph.D., former president of Yale University and now educational director of the National Broadcasting Company. The scientific program at the college will include the following speakers, all members of the faculty:

Dr. John H. Mulholland, Is There a Surgical Solution for Hypersensitivity of the Carotid Sinus?
Dr. Emery A. Rovenstine, An Approach to the Problem of Management Presented by the Patient in Coma.
Dr. Karl M. Bowman, What Is the Present Status of the Shock Treatment in Schizophrenia?
Dr. William S. Tillett, Role of Specific Antipneumococcus Immunity in Patients with Pneumonia Treated with Sulfonamide Compounds.
Dr. Howard C. Taylor Jr., What Is the Basis for Rational Endocrine Therapy in Gynecologic Conditions?

There will be a luncheon Saturday at which the speakers will be Drs. Samuel A. Brown, dean emeritus of the college; Currier McEwen, present dean, and Nathan B. Van Etten, President of the American Medical Association. Dr. Luther B. MacKenzie is president of the alumni association and Dr. Marshall S. Brown Jr., secretary. New York University College of Medicine was formed in 1841 as the University of the City of New York Medical Department and retained that title until 1896, when it adopted the title New York University Medical College. The latter name was used until 1898, when the school merged with Bellevue Hospital Medical College. From that time until 1935 the school was known as University and Bellevue Hospital Medical College.

Building for Health Museum.—The former Masterpieces of Art building in Flushing Meadow Park will be remodeled to meet more fully the demands of its use as the permanent home of the American Museum of Health, it was announced at the recent annual meeting of the museum. A tower of steel and glass will be added, and a façade of glass brick with a large raised mural emblazoned over the entrance will give the building a more attractive appearance, it was said. Offices for the museum staff will be provided. The building will be opened to the public early in the summer. The formation of a scientific advisory board to insure accuracy of exhibits to be displayed, with Dr. Haven Emerson as chairman, was also announced at this meeting.

OKLAHOMA

Cancer Clinic at University Hospital.—A cancer clinic was recently organized at the University Hospital, Oklahoma City, with eleven members of the hospital staff in charge. The physicians will meet the first and third Thursdays in each month to study difficult cases. They also plan to conduct special investigations. The staff includes Drs. William E. Eastland, Cyril E. Clymer, Herbert Dale Collins, Rufus Q. Goodwin, Elmer R. Musick, John H. Lamb, Everett S. Lain, Hugh G. Jeter, Paul C. Colonna, Joseph W. Kelso and Alfred J. Ackermann.

Society News.—The council of the Oklahoma State Medical Association has approved the formation of a new section on neurology, psychiatry and endocrinology, which will present its first program at the next annual meeting of the association. Dr. David W. Griffin, Norman, is chairman of the new section; Dr. Harry Wilkins, Oklahoma City, vice chairman, and Dr. Coyne H. Campbell, Oklahoma City, secretary——Dr. Alonzo C. McFarling, Shawnee, addressed the Pottawatomie County Medical Society, Shawnee, February 15, on "Interstitial Keratitis."——Dr. Basil A. Hayes, Oklahoma City, addressed the February meeting of the Garfield County Medical Society, Enid, on "Relationship of Urologic Lesions to Nephritis and Hypertension."

OREGON

Postgraduate Session and Sommer Lectures.—The annual Alumni Postgraduate Session and the Ernst A. Sommer Memorial Lectures of the University of Oregon Medical School, Portland, will be given, March 17-21, in the auditorium and library of the school. The memorial lectures will be presented by Drs. William S. Middleton, Madison, Wis., and Donald Guthrie, Sayre, Pa. Two of the lectures will be presented at morning meetings of the postgraduate session and two at evening meetings. Dr. Guthrie will speak on "Diagnosis of Cancer of the Breast and Its Surgical Management" and "Diagnosis of Diseases of the Thyroid Gland," Dr. Middleton on "Further Rationalized Therapeutic Experiences" and "Infectious Arteritis." In addition, Dr. Guthrie and Dr. Middleton will speak at luncheon round tables on "The Acute Surgical Abdomen" and "Cardiac Emergencies" respectively. The morning sessions will be devoted to lectures in the fields of surgery and gynecology, medicine and pediatrics, and eye, ear, nose and throat. Afternoons are arranged so that physicians may gather in small groups for instruction in clinics, hospitals and laboratories. Class reunion dinners will be held the first evening and the annual banquet Thursday evening, March 20, at the Multnomah Hotel.

PENNSYLVANIA

Special Society Organized.—Physicians specializing in eye, ear, nose and throat diseases from the counties surrounding Harrisburg recently formed the Central Pennsylvania Eye, Ear, Nose and Throat Society, with Drs. George F. Gracey, Harrisburg, as president and Forney P. George, Harrisburg, as secretary. The society will hold meetings the second Thursday of February, April, June, October and December.

Philadelphia

Annual Postgraduate Institute.—The Philadelphia County Medical Society will present its sixth annual Postgraduate Institute at the Bellevue-Stratford Hotel, March 31 to April 4. The institute will consist of more than seventy-five lectures on modern therapy given by physicians associated with the medical schools and hospitals of Philadelphia. Dr. Rufus S. Reeves is director of the committee in charge of arrangements for the institute.

Society News.—Speakers before the Philadelphia Pediatric Society, January 14, were Drs. John H. Stokes, on "Some of the Applications of Fundamental Principles to the Eczema Complex in Infants and Children"; Carroll S. Wright, "Nevi in Children and Their Treatment," and Clarence S. Livingood, "Fungus Infections in Childhood." —— The New York and Philadelphia chapters of the National Gastroenterological Association held a meeting in Philadelphia, January 16, with the following speakers: Drs. Anthony Bassler, New York, on "Recent Advances in Gastroenterology"; Samuel Weiss, New York, "Recent Advances of Hepatic Function Tests," and Edward L. Bortz, Philadelphia, "Therapeutic Use of Cholesterol Ester Sol in Infectious and Toxemic Diseases."——Drs. Clare C. Hodge and Kenneth E. Fry addressed the Philadelphia Academy of Surgery, February 3, on "Ambulatory Treatment of Fractures of the Leg and Foot by Means of the Skate Type of Walking Iron."

RHODE ISLAND

Society News.—Dr. Gordon J. McCurdy addressed the Providence Medical Association, March 3, on "Endaural Mastoid," and Comdr. Charles L. Oliphant, Naval Torpedo Station, Newport, on "Industrial Medicine." A symposium on chemotherapy was presented at a meeting of the association, February 3, by Drs. Howard K. Turner, Providence, speaking on infections of the genitourinary tract; Morgan Cutts, Providence, pulmonary infections; Kalei K. Gregory, Providence, meningococcic infections, and Champ Lyons, Boston, osteomyelitis and compound fractures.

TENNESSEE

Meharry Seeks Endowment Fund.—Meharry Medical College, Nashville, is making a campaign to raise more than two million dollars for an endowment fund. The General Education Board, which has been contributing toward the annual operating budget of the college, has announced that it will not continue this subsidy after this year, it is reported. The board has offered conditionally, however, to make endowment grants totaling $3,700,000 if the college will obtain $1,700,000 from other sources. Of this amount $1,500,000 must be raised by July 1. The college has a current endowment of about $800,000. A large committee of prominent persons representing medical, educational and journalistic activities is sponsoring the campaign, and Abraham Flexner, Ph.D., Princeton, N. J., is national chairman of the endowment program.

GENERAL

Agency Wants Man Charged with Murder.—Jesse C. Byrum, alias "Big Red," believed to be seeking private treatment for tuberculosis, is wanted by Pinkerton's National Detective Agency. He formerly received treatment in the federal hospitals as a war veteran but became aware that the hospitals were asked to be on the lookout for him. Byrum's description is given as follows: Age, 40 (1937); height, 6 feet 2¼; weight, 170 pounds; eyes, blue; hair, auburn; speaks with Southern accent. He is reported to frequent gambling and bookmaking resorts and to be an opium smoker. Physicians who may be approached by Byrum for treatment are asked to notify their local police authorities at the expense of Pinkerton's National Detective Agency, Inc.

WPA Health Program to Be Expanded.—An expansion and redirection of all community service programs of the Works Projects Administration toward activities related to home defense will include widening of the public health program, according to an announcement. Training of as many as fifty thousand persons in the next twelve months as ward attendants, orderlies and hospital aides capable of giving simple bedside care will be one feature of the program. At present the public health program is devoted to assisting public hospitals, clinics and sanatoriums. The school lunch program, which now provides hot lunches for approximately two million school children, as well as the gardening and food preservation projects, will also be strengthened, it was said.

New Journal on Cancer.—The first issue of *Cancer Research*, a monthly journal of articles and abstracts on cancer research, made its appearance in February. The publication plans to make information available to laboratory workers, clinicians and all persons concerned with the attack on malignant disease. It is sponsored by the American Association for Cancer Research, the Anna Fuller Fund, the International Cancer Research Foundation and the Jane Coffin Childs Memorial Fund for Medical Research. The journal will be managed by an advisory board composed of representatives of each of these groups. The subscription price to members of the association for cancer research will be $5, and for those who are not members and for institutions and libraries the rate will be $7. Dr. Alexander Vaughn Winchell is the business manager, with offices at 1620 Lincoln-Liberty Building, Philadelphia. Dr. Stanhope Bayne-Jones is secretary of the editorial committee, 333 Cedar Street, New Haven, Conn. The first issue contains thirteen original articles and two hundred and forty-one abstracts of papers published in the latter half of 1940.

Pan-American League Against Cancer.—Announcement was made, February 28, of the formation of the Pan-American League Against Cancer, incorporated under the laws of New York. Dr. Francis Carter Wood, emeritus director of the Institute of Cancer Research, Columbia University College of Physicians and Surgeons, New York, was head of the organizing committee and Dr. Angel H. Roffo, director of the Institute of Experimental Medicine, Buenos Aires, will be president of the new league. The organizing committee included, among others:

Dr. Antonio C. Fontes, director of the Instituto Oswaldo Cruz, Rio de Janeiro, Brazil.
Dr. Fernando Ocaranza, president of the Mexican League Against Cancer, Mexico, D. F.
Dr. Emilio Martinez, president of the Cuban League Against Cancer, Havana.
Dr. José V. Huertas, director of the National Institute of Radium, Bogota, Colombia.
Dr. Juan Jose Mostajo, director of the Institute of Cancer, Lima, Peru.
Dr. Mario Lujan, secretary of health, San Jose, Costa Rica.
Dr. Leon Rulx, director-general, National Service of Hygiene and Public Welfare, Port-au-Prince, Haiti.
Dr. Carlos Butler, director of the Institute of Cancer, Montevideo, Uruguay.

Among the incorporators of the league are:

Mr. Winthrop W. Aldrich, chairman, board of directors of the Chase National Bank, New York.
Major Gen. James G. Harbord, chairman, board of directors, Radio Corporation of America, New York.
Frank B. Jewett, Ph.D., president, National Academy of Sciences, New York.
Dr. George E. Pfahler, professor of radiology, University of Pennsylvania Graduate School of Medicine, Philadelphia.
Dr. Albert Soiland, Los Angeles.
Mrs. Robert G. Mead, member of the board, New York City Committee of the American Society for the Control of Cancer.

The organization will carry on in the Western Hemisphere the scientific and social work of the International Union Against Cancer, which formerly had headquarters in Paris. The aims outlined in the articles of incorporation are to promote the fight against cancer, to coordinate study and research in the countries of the American continent and to disseminate information thereon, and to promote establishment of national organizations throughout the Western Hemisphere.

Deaths in Other Countries

Dr. Charles Thurstan Holland, Liverpool, president of the first International Congress of Radiology, held in London in 1925, died January 16.——**Dr. Francis Temple Grey,** an authority on legal medicine, died in London January 24, aged 54.——**Sir Pendrill Varrier-Jones,** founder and medical director of Papworth Village, a settlement for the care and rehabilitation of tuberculosis patients, died at Papworth, Cambridgeshire, England, January 30, aged 57.——**Dr. William Bulloch,** emeritus professor of bacteriology, University of London, and an original member of the Medical Research Council, under the National Insurance Act, died in London Hospital, February 11, aged 72.

Government Services

The Government Needs Physicians

The U. S. Civil Service Commission announces that applications are still being received for three grades of medical officer positions, ranging in salary from $3,200 to $4,600 a year for the following agencies: Public Health Service, Food and Drug Administration, Civil Aeronautics Administration, Veterans Administration and the Indian Service. An announcement was first published in THE JOURNAL, Sept. 21, 1940, p. 1032. The recent announcement amends the original one to add to the list of optional branches "diagnosis and treatment of cancer." Applications will be rated as received until further notice and certification made as the needs of the service require, except that if sufficient eligibles are obtained the receipt of applications may be closed, in which case due notice will be given.

Foreign Letters

LONDON

(From Our Regular Correspondent)

Jan. 18, 1941.

Hospital Coordination

There are two hospital systems in this country. The older one consists of the voluntary hospitals, so called because they are provided and supported by the voluntary subscriptions of the benevolent for the benefit of the poor. To them are attached the medical schools and therefore the vast majority of the leaders of British medicine. The other system consists of the municipal hospitals, which have developed out of the infirmaries established by the municipal authorities for the aged and infirm poor. They are thus part of our public health organization. In the past they had no status comparable to that of the voluntary hospitals but in recent years they have been much improved, with the result that we have two efficient hospital systems independent of each other. This means waste of effort and has given rise to the problem of coordination of our hospitals on a regional basis. The complete calmness and confidence with which the country faces the greatest threat to democratic civilization is shown, among many ways, by the fact that the war has not interrupted the attack on the hospital problem.

In December 1939 the automobile magnate Lord Nuffield, who is famous for his benefactions, endowed a trust with the object of promoting coordination of hospital services. The trust has set up a central regionalization and medical advisory council under the chairmanship of Sir Farquhar Buzzard. Plans for the regionalization of hospital services have been discussed in important provincial centers with representatives of the public health services and the voluntary hospitals. The minister of health, Mr. Malcolm Macdonald, has expressed approval of the work of the trust. Whatever may be the proper ultimate hospital service, he holds that we should build up from existing organizations. Both have played a great part in our hospital system in the past.

Government Decides to Fortify White Bread

The war has caused the rationing of certain imported foods because the cargo space is required for munitions and has made nutrition a national problem, in which the question of bread has come to the front. Now that the government not only controls the price of bread but also subsidizes it so as to keep the price down, it has been urged to insure that the public be supplied with wholemeal bread. In the House of Lords the minister of food, Lord Woolton, stated that he had been impressed by the unanimity of scientific opinion on the nutritive value of wholemeal bread and the obvious desire of people who were not scientists to compel everybody to eat it. Its virtues had been widely known for some time, and certain trade interests had spent large sums in advertising them. The government found that the average deliveries of all kinds of wholemeal flour did not exceed 5 per cent of the total delivery of all flour. Reckoning that 60 per cent was used for bread making, it followed that only 8 per cent of the bread used in the country was made from wholemeal. A scientific committee appointed to advise the government carefully sifted the facts. The committee stated that brown bread did not keep as well as white bread and was a less attractive food when stale. Further—and this was very important in wartime, when we must maintain reserve stocks of flour—wholemeal flour did not keep as well as white flour and would have to be turned over twice as often as white flour if it was not to go out of condition. In these circumstances he was loath to insist on the public having no choice but to eat wholemeal bread. The proper course was to secure an adequate supply of this bread at the same price as white bread and draw attention to its advantages, while recognizing that there were people to whom, for physiologic reasons, it was not suitable.

The government had decided to fortify the white loaf. The milling industry had spent much money on research as to the best means of remedying the deficiency of white flour in vitamin B_1. Guided by its scientific advisers, the government had made arrangements for the synthetic production of vitamin B_1 but this would not be available in quantity until May 1941. It would be introduced into white bread with calcium salts, which are also deficient. In the debate which followed, it was stated by Lord Balfour, chairman of the Medical Research Council, that calcium deficiency had long been a defect in the nutrition of our people, as was shown by the defective formation of the teeth. While thinking that everybody should eat wholemeal bread, the council recognized the practical difficulties, and the government could not be a dictator.

The decision to fortify the white loaf in this way has aroused criticism. The question is asked Why remove from flour many of its valuable ingredients and then resort to a difficult process to restore only some of them? A research by Dr. Harriette Chick, published in the *Lancet*, is something of a bombshell for the government's plan. She points out that vitamin B_1 is not the only deficiency in white flour; it is also deficient in the vitamin B complex (which includes riboflavin, nicotinic acid and vitamin B_6).

The Troubles of a Medical Journal with the Lay Press

The *South African Medical Journal*, which is the organ of the South African Medical Association, has in vain tried to prevent the lay press from summarizing or quoting from its articles for purposes of review because in the present state of the law there is nothing to forbid this from being done. The *Journal* admits that some of its matter may be of interest and value to the layman and that it may be its duty to bring this material to the notice of the public, as is done by at least two medical contemporarics in England and by THE JOURNAL in America. In such cases the editor decided what should be given to the public. An example was an article sent to the lay press on the dangers of damage to the retina from looking at the sun in the recent total eclipse visible in South Africa. But in some other cases there are objections to publication in the lay press. These are generally that it is an infringement on the ethical code of the association and that excerpts, when divorced from their context, give rise to mistaken impressions, especially when they are in the nature of criticisms among the profession.

A New Use of the Stethoscope

In gratitude for his work in removing delayed action bombs which fell in the east end of London, Capt. Robert Davies, who is in command of the bomb disposal squad, has been presented with a stethoscope by the resident staff of one of the hospitals. He has frequently borrowed a stethoscope from the hospital in order to listen to the ticking of delayed action bombs before removing them.

Marriages

JOHN PHILIP COGLEY to Miss Patricia Ellen Noonen, both of Council Bluffs, Iowa, in Palm Springs, Calif., Dec. 25, 1940.

W. HUGH MISSILDINE, Des Moines, Iowa, to Miss Alice Miriam Hughes of Ames, Dec. 24, 1940.

IRWIN W. BARRETT to Miss Irma Lee Barnes, both of Clarksdale, Miss., Dec. 24, 1940.

EMIL A. FULLGRABE, Indianola, Iowa, to Miss Lois Hooper of Hartford, Dec. 24, 1940.

ALFRED G. HUENERGARDT to Miss Helen Wood, both of Los Angeles, Dec. 30, 1940.

Deaths

Charles Wallis Edmunds ● a leading member of the Council on Pharmacy and Chemistry of the American Medical Association since 1921, died, March 1, of coronary embolism at his home in Ann Arbor, Mich., aged 68.

Dr. Edmunds was born in Bridport, Dorset, England, Feb. 22, 1873 and came to the United States in 1883. He graduated from the University of Michigan Department of Medicine and Surgery, which later became the University of Michigan Medical School, Ann Arbor, in 1901. The following year he became a member of the faculty at his alma mater as assistant in pharmacology, in 1904 instructor in materia medica and therapeutics, was lecturer from 1905 to 1907 and had been professor since 1907. From 1911 to 1921 he was secretary and from 1918 to 1921 assistant dean of the faculty. He had been director of the pharmacology laboratory since 1936. In 1935 he was made a member of the executive committee of the medical school and in 1937 a member of the executive board of the graduate school. In 1937 Dr. Edmunds was selected to give the Russell lecture at the university.

At the 1940 convention Dr. Edmunds was chosen president of the United States Pharmacopeia; he had been a member of the committee on revision since 1910, member of the executive committee since 1920, second vice chairman since 1930, chairman of the antianemia products advisory board since 1935 and chairman of the committee on biologic assays since 1920. For more than ten years he had been a member of the committee on drug addiction of the National Research Council.

CHARLES WALLIS EDMUNDS, M.D. 1873-1941

In 1925 he went to Geneva, Switzerland, as a member of the international committee on drug standardization of the Health Committee of the League of Nations.

In the American Medical Association Dr. Edmunds was chairman of the Section on Pharmacology and Therapeutics, 1929-1930.

Many scientific organizations profited by his leadership. He was a past president of the American Society for Pharmacology and Experimental Therapeutics and a member of the American Physiological Society, the Association of American Physicians and the Society for Experimental Biology and Medicine. He was the author of numerous publications in his special field. With Dr. Arthur R. Cushny he wrote the well known "Laboratory Guide in Pharmacology." He revised with Prof. J. A. Gunn of Oxford, England, Cushny's textbook on "Pharmacology and Therapeutics," and he was on the editorial board of the *Journal of Pharmacology and Experimental Therapeutics* from 1907 to 1937.

By his death medicine loses a scientific contributor, an indefatigable worker, a dependable leader.

Charles Value Chapin, Providence, R. I.; Bellevue Hospital Medical College, New York, 1879; superintendent of health of Providence from 1884 to 1932; professor of physiology at Brown University from 1886 to 1896; registrar of the city of Providence from 1888 to 1932; in 1909 lecturer at Harvard Medical School, lecturer at the Massachusetts Institute of Technology School for Health Officers from 1913 to 1922 and the Harvard School of Hygiene and Public Health from 1923 to 1935; in 1913 undertook for the American Medical Association a survey of state sanitation throughout the United States; member and past president of the Rhode Island Medical Society; past president of the Providence Medical Association, and was the first president of the American Epidemiological Association; member of the American Academy of Arts and Sciences, Royal Society of Medicine of England, and the American Public Health Association, of which he was president in 1927; was elected the first honorary member of the Delta Omega Society in 1927; member of the medical advisory board of the American Red Cross during the World War; was largely responsible for the establishment of the Providence City Hospital, which later changed its name to the Charles V. Chapin Hospital; was awarded the Marcellus Hartley medal by the National Academy of Sciences in 1928, the Sedgwick Medal by the American Public Health Association in 1929 and the Susan Colver Rosenberger Medal by Brown University in 1935; received honorary degrees from Brown University, Rhode Island State College, Kingston, and Yale University, New Haven, Conn.; was the author of numerous works on public health and sanitation and was a frequent contributor to the literature of public health; at one time associate editor of the *American Journal of Hygiene* and the *Journal of Preventive Medicine;* aged 85; died, January 31, of arteriosclerosis and Parkinson's disease.

Achilles Edward Davis ● New York; University of Louisville (Ky.) Medical Department, 1889; member of the American Academy of Ophthalmology and Otolaryngology, American Ophthalmological Society and the Association for Research in Ophthalmology; fellow of the American College of Surgeons; formerly professor of ophthalmology at the New York Post-Graduate Medical School; consulting ophthalmologic surgeon, New York Post-Graduate Medical School and Hospital, Central Islip (N. Y.) State Hospital, United Hospital, Port Chester and the Ossining (N. Y.) Hospital; served during the World War; author of "The Medical Treatment of Cataract," 1937, and co-author of "Handbook of the Anatomy and the Diseases of the Eye and Ear"; aged 74; died, January 17, at his home in Scarsdale of coronary thrombosis.

Robert Grant Torrey ● Philadelphia; University of Pennsylvania Department of Medicine, Philadelphia, 1906; professor of principles and practice of medicine and clinical medicine, Woman's Medical College of Pennsylvania; fellow of the American College of Physicians; formerly associate professor of medicine at the University of Pennsylvania Graduate School of Medicine; associate in medicine at his alma mater; medical examiner for the division of tuberculosis of the city health department; on the staff of the Hospital of the Woman's Medical College; visiting physician to the Philadelphia General Hospital; served during the World War; aged 62; died, January 11, of spontaneous subarachnoid hemorrhage.

Colin Luke Begg ● New York; University of Toronto Faculty of Medicine, Toronto, Ont., Canada, 1899; formerly assistant professor of urology at the New York Post-Graduate Medical School; one of the founders of the American Urological Association; served in various capacities on the staffs of the New York Hospital, Bellevue Hospital, New York Skin and Cancer Hospital and the Columbus Hospital; served during the World War; aged 67; died, January 15, of coronary thrombosis.

John Joseph McGovern ● Milwaukee; University of Pennsylvania Department of Medicine, Philadelphia, 1893; member of the House of Delegates of the American Medical Association, 1913-1914; fellow of the American College of Physicians; past president of the State Medical Society of Wisconsin and the Medical Society of Milwaukee County; on the staffs of the Columbia Hospital and the Johnston Emergency Hospital; aged 76; died, January 14, of pernicious anemia.

Homer S. Warren Sr., Chicago; College of Physicians and Surgeons of Chicago, 1889; member of the Illinois State Medical Society; in 1916 was commissioned a first lieutenant in the medical reserve corps of the United States Army; founder of the National Pathological Laboratories; for many years on the staff of the Cook County Hospital; aged 75; died, January 18, in the Veterans Administration Facility, Hines, Ill., of arteriosclerosis and heart disease.

Albert Benjamin McCreary ● Jacksonville, Fla.; University of Tennessee College of Medicine, Memphis, 1922; state health officer, Florida State Board of Health; director of the bureau of county and district health work, state board of health; was at one time engaged in public health work in Tennessee, North Carolina and Virginia; past president of the Florida Public Health Association; aged 45; died, January 24, of organic heart disease.

Charles Francis Coulter, Great Falls, Mont.; University of Minnesota College of Medicine and Surgery, Minneapolis, 1902; member of the Medical Association of Montana and the American Academy of Ophthalmology and Otolaryngology; formerly member of the state board of medical examiners; served during the World War; aged 65; died, January 2, in

St. Patrick Hospital, Missoula, of cerebral hemorrhage and hypertension.

Lawrence Hugh Gilman ● Indianapolis; Indiana University School of Medicine, Indianapolis, 1923; clinical professor of mental and nervous diseases at his alma mater; member of the American Psychiatric Association; served during the World War; medical director of the Dr. W. B. Fletcher's Sanatorium; on the staff of the Methodist Hospital; aged 46; died, January 26.

William Judson Martin, Kokomo, Ind.; St. Louis College of Physicians and Surgeons, 1903; member of the Indiana State Medical Association; past president of the Indiana Tuberculosis Association; formerly health officer of Kokomo and secretary of the city board of health; aged 71; died, Nov. 19, 1940, in Winter Haven, Fla.

John Harland Goodnough ● Rock Springs, Wyo.; University of Nebraska College of Medicine, Omaha, 1914; past president of the Wyoming State Medical Society, Sweetwater County Medical Society and the Wyoming association of county health officers; aged 51; died, Dec. 13, 1940, in Hollywood, Calif., of nephritis.

David D. Custer ● Philadelphia; University of Pennsylvania Department of Medicine, Philadelphia, 1883; for many years police surgeon; aged 83; on the courtesy staff and a member of the board of managers of the Memorial Hospital, where he died, January 14, of cerebral thrombosis and coronary occlusion.

George Bailey Coon, Greystone Park, N. J.; Dartmouth Medical School, Hanover, N. H., 1895; member of the Massachusetts Medical Society and the New England Society of Psychiatry; resident physician at the New Jersey State Hospital; aged 72; died, January 18, of carcinoma of the stomach.

Edward Mellus, Newton, Mass.; Harvard Medical School, Boston, 1903; member of the Massachusetts Medical Society; treasurer of the Middlesex South District Medical Society; member of the board of health; on the staff of the Newton Hospital; aged 68; died, Dec. 7, 1940, of coronary thrombosis.

Elton Smith Corson, Bridgeton, N. J.; University of Pennsylvania Department of Medicine, Philadelphia, 1895; member of the Medical Society of New Jersey; served during the World War; aged 73; died, January 5, in the United States Naval Hospital, Philadelphia, of carcinoma of the rectum.

Francis Joseph Fitzpatrick, Somerville, Mass.; College of Physicians and Surgeons, Boston, 1928; member of the Massachusetts Medical Society; member of the board of public welfare; aged 59; died, January 2, in the Somerville Hospital of bronchopneumonia and diabetes mellitus.

Leander Cox, Springfield, Mo.; Missouri Medical College, St. Louis, 1891; member of the Missouri State Medical Association; on the staffs of the Springfield Hospital, St. John's Hospital and the Burge Hospital; aged 80; died, January 7, of arteriosclerosis and heart disease.

William Joseph Scott, Derby, Conn.; Fordham University School of Medicine, New York, 1916; member of the Connecticut State Medical Society; served during the World War; aged 51; died, Dec. 3, 1940, in the Veterans Administration Facility, Bedford, Mass., of cerebral hemorrhage.

Alexander Sanders De Witt ● Detroit; University of Michigan Homeopathic Medical School, Ann Arbor, 1905; fellow of the American College of Physicians; aged 58; on the staff of the Providence Hospital, where he died, January 2, of cerebral hemorrhage.

Erle Franklin Fisher ● Chicago; Bennett Medical College, Chicago, 1912; served during the World War; on the associate staff of the Alexian Brothers' Hospital; aged 57; died, January 5, at his home in Fox River Grove of coronary thrombosis.

Jessie Phandora Simpson, Radford, Va.; Woman's Medical College of Pennsylvania, Philadelphia, 1898; for many years a medical missionary in India; aged 74; died, Dec. 24, 1940, in Flagler Beach, Fla., of hypertensive cardiovascular disease.

William Kerr Skinner, Kingston, Ont., Canada; McGill University Faculty of Medicine, Montreal, Que., 1923; member of the American Psychiatric Association and the New England Society of Psychiatry; aged 42; died, Oct. 13, 1940.

Theodore Boose ● Williamsport, Md.; College of Physicians and Surgeons, Baltimore, 1889; on the staff of the Washington County Hospital, Hagerstown; aged 76; died, January 11, of coronary occlusion and arteriosclerosis.

Mae Emery White ● Canton, Ohio; Eclectic Medical Institute, Cincinnati, 1899; member of the American Society of Anesthetists; aged 63; died, Dec. 30, 1940, in the Mercy Hospital of injuries received in an automobile accident.

Herbert Engel, Massena, N. Y.; Friedrich-Wilhelms-Universität Medizinische Fakultät, Berlin, Prussia, 1920; member of the Medical Society of the State of New York; aged 46; died, Dec. 5, 1940, of coronary embolism.

John Edson Bolender ● Grand Rapids, Mich.; University of Michigan Department of Medicine and Surgery, Ann Arbor, 1912; aged 55; on the staff of the Blodgett Memorial Hospital, where he died, January 9, of septicemia.

Florence Brandeis, Louisville, Ky.; Woman's Medical College of Pennsylvania, Philadelphia, 1894; member of the Kentucky State Medical Association; aged 80; died, January 8, in the Jewish Hospital of pneumonia.

Albert Leonidas Butt, Danville, Ky.; Vanderbilt University School of Medicine, Nashville, Tenn., 1882; University of Nashville Medical Department in 1883; aged 82; died, January 7, of cerebral hemorrhage.

Adolphus St. Pierre, Pawtucket, R. I.; Victoria University Medical Department, Coburg, Ont., Canada, 1876; aged 89; died, Dec. 3, 1940, of burns received when a spark ignited his clothing while smoking.

Lavander Lafayette Tilley, Lebanon, Tenn.; Vanderbilt University School of Medicine, Nashville, 1894; member of the Tennessee State Medical Association; aged 71; died, Dec. 18, 1940, of heart disease.

Don Bruce Cameron ● Grand Rapids, Mich.; Rush Medical College, Chicago, 1922; served during the World War; on the staff of the Butterworth Hospital; aged 44; died, January 17, of carcinoma.

Everett Edwin Lusk, San Bernardino, Calif.; Hahnemann Medical College and Hospital, Chicago, 1901; aged 70; died, Nov. 9, 1940, of acute pentobarbital sodium and gelsemium poisoning.

Joseph Madison Daly ● Abilene, Texas; Arkansas Industrial University Medical Department, Little Rock, 1897; aged 68; died, January 6, in the Hendrick Memorial Hospital of influenza.

Barney Barr Smith ● Buffalo; Jefferson Medical College of Philadelphia, 1917; member of the Radiological Society of North America; aged 45; died, Dec. 17, 1940, of lobar pneumonia.

Graham B. Bristol, Geneva, Fla.; University of the City of New York Medical Department, New York, 1881; aged 88; died, January 10, of coronary thrombosis and arteriosclerosis.

Alfred Freudenthal ● Trinidad, Colo.; Gross Medical College, Denver, 1902; on the staff of the Mount San Rafael Hospital; aged 60; died, Dec. 22, 1940, of angina pectoris.

Stanley Atkins Ferrell, Forrest City, Ark.; Memphis (Tenn.) Hospital Medical College, 1912; aged 59; died, January 13, in Madison of angina pectoris.

Clement H. Bockoven, Verona, Ohio; Illinois Medical College, Chicago, 1903; aged 66; died, January 3, in the McMillen Sanitarium, Columbus, of pneumonia.

Horace Harvey Carothers, Charleroi, Pa.; University of the South Medical Department, Sewanee, Tenn., 1899; aged 80; died, January 14, of myocarditis.

George W. Shadwick, Iola, Kan.; Homeopathic Medical College of Missouri, St. Louis, 1900; aged 78; died, Dec. 5, 1940, of cerebral hemorrhage.

William Lee Davidson, Houston, Texas; Medical College of Alabama, Mobile, 1892; aged 71; died, January 2, in Wharton of coronary occlusion.

Richard Frank Trimble, Windsor, Ont., Canada; University of Toronto Faculty of Medicine, 1923; aged 46; died, Nov. 9, 1940, in Tucson, Ariz.

Enos Mitchell, Primghar, Iowa; College of Physicians and Surgeons, Keokuk, Iowa, 1878; aged 86; died, Dec. 9, 1940, of auricular fibrillation.

William B. Brewton, Panama City, Fla.; Medical College of Alabama, Mobile, 1900; aged 79; died, January 5, of coronary occlusion.

Parker Burnham, Gloucester, Mass.; Harvard Medical School, Boston, 1903; aged 62; died, Dec. 25, 1940, of bronchopneumonia.

Newton Murphy Wade, Portland, Ore.; Chicago Medical College, 1880; aged 80; died, Dec. 7, 1940, of coronary thrombosis.

John L. Varnell, Ooltewah, Tenn. (licensed in Tennessee in 1891); aged 87; died, Dec. 20, 1940, of organic heart disease.

Bureau of Investigation

CEASE AND DESIST ORDERS

Abstracts of Certain Federal Trade Commission Releases

The work of the Federal Trade Commission, in helping to protect the public against misrepresentation or fraud in the medical as well as other fields, has been greatly extended by the provisions of the Wheeler-Lea Amendment to the Federal Trade Commission Act. The Food, Drug and Cosmetic Act of 1938 added to the Food and Drug Administration's control of the advertising claims and statements made on the labels of medicines or on the carton or in the accompanying leaflet, whereas what might be termed collateral advertising, that which appears in newspapers and magazines and over the air, comes more actively under the purview of the Federal Trade Commission, by virtue of the Wheeler-Lea Amendment.

THE JOURNAL has at various times commented on the activities of the Federal Trade Commission in this connection, even before the Wheeler-Lea Amendment gave it its added rights. In some cases the Commission may accept from the person or concern involved a stipulation that the objectionable practices or claims cited will be discontinued. In other cases the Commission issues what is known as a Cease and Desist Order, in which the individual, manufacturer or distributor cited is ordered to cease and desist from practices which have been declared objectionable.

Abstracts of some of the orders issued during 1940 follow:

"Dr." Springer's Nostrums.—These were put out by Basic Foods, Inc., Somerset, Pa., whose president was a self-styled "Dr." Curtis Howe Springer. Springer's activities were dealt with in a lengthy article that appeared in THE JOURNAL, Sept. 14, 1935, page 900. This brought out that he had been "Dean" of a discredited technical school in Chicago, had traveled about the country giving "lectures" on psychology, prosperity, personality and some other things; had issued an alleged magazine called "Symposium Creative Psychology," devoted mainly to advertising the man and his activities, especially the "Doc. Springer Temple of Health"; had attempted to start a "health resort" at Mount Davis, near Salisbury, Pa.; had established Basic Foods, Inc.; had claimed various degrees including that of M.D. (which he could not prove) and was putting out various "patent medicines." Two of these were involved in the release issued on Nov. 9, 1940, in which the Federal Trade Commission reported that it had ordered Basic Foods, Inc., and Curtis Howe Springer to cease and desist from certain misrepresentations in the sale of "Dr. Springer's Antediluvian Tea" and "Dr. Springer's Re-Hib." Among these misrepresentations were the use of the word "doctor" or any abbreviation thereof to designate or identify any person when such person was not a physician or practitioner of medicine duly licensed as such; representing that the majority of human aches and pains are due to congestion of the glands and organs of the body, or to constipation or overacid conditions; that Dr. Springer's Antediluvian Tea and Dr. Springer's Re-Hib, or any products of substantially similar composition, may be beneficially or safely taken by all persons, and that any of the respondents' products are approved by any governmental agency; that the tea or any product of substantially similar composition has any beneficial, curative or remedial value for any malady or diseased condition or possesses any therapeutic value in the treatment of kidney trouble, diseased tonsils, stiff and aching joints, swollen feet, heartburn, insomnia or nervousness, or in the treatment of any other condition except to the extent that the symptoms thereof may be relieved by the administration of a mild laxative; that Dr. Springer's Re-Hib, or any product of substantially similar composition, has any beneficial, curative or remedial value for, or possesses any therapeutic value in the treatment of, any condition or malady, except to the extent that such condition or malady is caused by hyperacidity of the stomach, which may be relieved by the administration of the product as a palliative or acid neutralizer, and except to the extent that the digestion of foods may be aided by the administration of the product as a digestant.

Home Diathermy.—This is a device put out by the Home Diathermy Company, Inc. On Nov. 26, 1940, the Federal Trade Commission ordered this New York concern to cease representing that its "Home Diathermy" device may be easily and safely used in the home; that its use constitutes a cure or remedy for arthritis, neuritis, bursitis, sciatica, neuralgia, lumbago, hay fever, asthma, high or low blood pressure or rheumatism, or that the device has any therapeutic value in treating such diseases and conditions or in treating any other ailment, unless the advertisement is specifically limited to those cases in which there is no acute inflammation, infection, pus formation, arteriosclerosis or any condition tending toward hemorrhage. The order also prohibits advertisements which fail to reveal that the unsupervised use of this device by persons not skilled in the diagnosis, analysis and methods of treatment of disease may result in serious and irreparable injury to health.

Lady Lydia Capsules.—This nostrum is also designated as "Soluble Gelatin Capsules No. 5, Apiol and Ergotin Compound" and is put out by Louis, Sol and Marvyn Cohen, trading as Cohen's Cut Rate Drug Store and Cohen Drug Company, these persons being operators of a chain of drugstores in West Virginia. On Sept. 23, 1940, the Federal Trade Commission declared that its investigations had shown that the Cohens had falsely advertised through the mails and by other means, representing that their product is a competent and effective treatment for delayed menstruation and that it is safe and harmless. On the contrary, the Commission pointed out that the product contains certain drugs in quantities sufficient to cause serious and irreparable injury to health if used under the conditions prescribed in the advertisements and under such conditions as are customary or usual and that the advertising did not bring out this fact. The Commission ordered the Cohen concern to cease and desist from the misrepresentations named.

Lady Lydia Female Capsules.—The Gotlieb concern, which is run by a Lenard and Sarah Gotlieb of Clarksburg, W. Va., trading as Reed's Cut Rate Store and Fountain Cut-Rate Stores, put out this nostrum. They also designated it as "Prescription Female Capsules." On Oct. 22, 1940, the Federal Trade Commission ordered the Gotlieb concern to discontinue advertisements which represent, directly or through inference, that their preparation is a competent or effective treatment for delayed menstruation and that it is harmless; or advertisements which fail to reveal that use of the preparation may cause gastrointestinal disturbances and excessive congestion and hemorrhage of the pelvic organs, and, in the case of pregnancy, may cause uterine infection and blood poisoning.

Morgan's Pomade.—Rose Heifter and Fred Jackson, doing business as Heifter and Jackson, Brooklyn, advertised this product as "Undoubtedly the finest remedy for grey or faded hair . . . a dye but a special compound which when massaged into the roots of the hair, nourishes it back to its original color and luster. . . ." On the contrary the Federal Trade Commission charged that the product was a lead-and-sulfur dye which when applied to gray hair would dye the exterior of the hair shaft and that use of the preparation would not supply the hair shaft with the color pigments, a deficiency of which material causes gray hair. Further, the advertisements contained no statements to the effect that application of the product to a tender skin, or to skin on which there are lesions which have broken the continuity of the integument, may be injurious. On April 20, 1940, the Commission ordered the company to cease representing that its product is not a tint or a dye; that its application causes the hair to change its color without dyeing; that its use will restore the original color to gray hair or prevent hair from falling out, or that it penetrates into the roots of the hair and enriches the hair.

Murine.—On July 6, 1940, the Federal Trade Commission ordered the Murine Company, Inc., Chicago, to cease advertising that "Murine" is a cure, remedy or effective treatment for eyestrain, or possesses any therapeutic value with respect to that condition in excess of furnishing relief from irritation and eye discomfort; that it will prevent or ward off eyestrain due to driving, reading, sewing, viewing moving pictures, or other excessive use of the eyes; that it will prevent eye irritation due to exposure to dust, sun or light glare or that it possesses any therapeutic value with respect to irritation of the eyes aside from furnishing relief from such irritation. Some 1940 advertising of Murine states that these are potassium bicarbonate, potassium borate, hydrogen borate, berberine hydrochloride, hydrastine hydrochloride, glycerin, "merthiolate" (sodium ethylmercuri thiosalicylate, Lilly) 1: 100,000 and sterilized water.

Pancreobismuth.—The Frye Company of Watertown, Mass., was reported as the distributor of this product, which was also known as "Pancreo Bismuth" and "Pancreobismuth and Pepsin." In January 1940 the Federal Trade Commission ordered the concern to cease and desist from representing, among other things, that its preparation has therapeutic value in the treatment of upset stomach, in the relief of indigestion due to acid stomach or in the neutralization of excess acid and allaying of irritation, beyond its being a simple antacid and carminative tending to give temporary relief from distress caused by such symptoms. The firm also was ordered to cease using the foregoing names for its product and to avoid any other trade names containing the words "Pancreatin" or "Pepsin."

Phillips' Milk of Magnesia Creams.—Two cosmetics of this brand, "Milk of Magnesia Cleansing Cream" and "Milk of Magnesia Texture Cream," are put out by the Charles H. Phillips Chemical Company, New York. On Dec. 18, 1940, the Federal Trade Commission ordered the concern to "cease disseminating advertisements which represent, directly or through inference, that there is a disease or condition properly described as 'acid skin,' which may be cured by use of the respondent's preparation or which causes skin blemishes, blackheads, enlarged pores, oily shine or dry, scaly roughness; that use of the respondent's preparations will cure or overcome skin blemishes; that use of either or both preparations have value in treating roughness of the skin in excess of temporarily relieving roughness when due solely to dryness; that either or both will remove blackheads or have value in such removal in excess of aid through removing accumulated dirt, foreign matter or skin excretions lodged in the exterior openings or are of value in the treatment thereof in excess of aiding in their reduction when caused solely by accumulated dirt, foreign matter or skin excretions lodged in exterior openings of the pores; and will overcome or are of value in treating oil shine or oiliness of the face, in excess of temporarily removing accumulated oil from the skin surface." The order also directs the respondent to "cease representing that use of either or both preparations neutralizes excess fatty acid or other acid accumulations on the skin in the same way that milk of magnesia neutralizes acid in the stomach, or that the neutralization of a normal fatty acid or other acid accumulation on the skin is necessary to the maintenance of a healthy skin condition; that the preparations or either of them change or affect the texture of the skin, and that the use of the respondent's cleansing cream or of any other product of substantially similar ingredients penetrates the pores of the skin or thoroughly cleans the skin, except as it acts upon dirt or other matter which may be present on the skin surface or in the exterior openings of the pores."

Medical Examinations and Licensure

NATIONAL BOARD OF MEDICAL EXAMINERS

EXAMINING BOARDS IN SPECIALTIES

Examinations of the National Board of Medical Examiners and Examining Boards in Specialties were published in THE JOURNAL, March 8, page 1023.

BOARDS OF MEDICAL EXAMINERS

ALABAMA: Montgomery, June 17-19. Sec., Dr. J. N. Baker, 519 Dexter Ave., Montgomery.

ARKANSAS: * *Medical.* Little Rock, June 5-6. Sec., Dr. D. L. Owens, Harrison. *Eclectic.* Little Rock, June 5-6. Sec., Dr. Clarence H. Young, 1415 Main St., Little Rock.

CALIFORNIA: *Oral examination* (required when reciprocity application is based on a state certificate or license issued ten or more years before filing application in California), San Francisco, April 16. *Written*, San Francisco, June 30-July 3. Sec., Dr. Charles B. Pinkham, 1020 N St., Sacramento.

CONNECTICUT:* *Endorsement.* Hartford, March 25. Sec., Dr. Thomas F. Murdock, 147 W. Main St., Meriden.

DELAWARE: July 8-10. Sec., Medical Council of Delaware, Dr. Joseph S. McDaniel, 229 S. State St., Dover.

DISTRICT OF COLUMBIA: * Washington, May 12-13. Sec., Commission on Licensure, Dr. George C. Ruhland, 203 District Bldg., Washington.

FLORIDA:* Jacksonville, June 23-24. Sec., Dr. William M. Rowlett, Box 786, Tampa.

GEORGIA: Atlanta, June. Sec., State Examining Boards, Mr. R. C. Coleman, 111 State Capitol, Atlanta.

HAWAII: Honolulu, July 14-17. Sec., Dr. James A. Morgan, 48 Young Bldg., Honolulu.

IDAHO: Boise, April 1. Dir., Bureau of Occupational License, Mr. H. B. Whittlesey, 335 State Capitol Bldg., Boise.

ILLINOIS: Chicago, April 1-3. Superintendent of Registration, Department of Registration and Education, Mr. Lucien A. File, Springfield.

INDIANA: Indianapolis, June 17-19. Sec., Board of Medical Registration and Examination, Dr. J. W. Bowers, Citizens Trust Bldg., Fort Wayne.

KANSAS: Kansas City, June 17-18. Sec., Board of Medical Registration and Examination, Dr. J. F. Hassig, 905 N. 7th St., Kansas City.

KENTUCKY: Louisville, June 5-7. Sec., State Board of Health, Dr. A. T. McCormack, 620 S. Third St., Louisville.

MARYLAND: *Medical.* Baltimore, June 17-20. Sec., Dr. John T. O'Mara, 1215 Cathedral St., Baltimore. *Homeopathic.* Baltimore, June 17-18. Sec., Dr. John A. Evans, 612 W. 40th St., Baltimore.

MICHIGAN: * Ann Arbor and Detroit, June 11-13. Sec., Board of Registration in Medicine, Dr. J. Earl McIntyre, 202-4 Hollister Bldg., Lansing.

MINNESOTA:* Minneapolis, April 15-17. Sec., Dr. Julian F. Du Bois, 350 St. Peter St., St. Paul.

MISSISSIPPI: Jackson, June. Asst. Sec., State Board of Health, Dr. R. N. Whitfield, Jackson.

MONTANA: *Reciprocity.* Helena, March 31. *Written.* Helena, April 1. Sec., Dr. S. A. Cooney, 216 Power Block, Helena.

NEW JERSEY: Trenton, June 17-18. Sec., Dr. Earl S. Hallinger, 28 W. State St., Trenton.

NEW MEXICO: Santa Fe, April 14-15. Sec., Dr. Le Grand Ward, 135 Sena Plaza, Santa Fe.

NEW YORK: Albany, Buffalo, New York and Syracuse, June 23-26. Chief, Bureau of Professional Examinations, 315 Education Bldg., Albany.

NORTH DAKOTA: Grand Forks, July 1-4. Sec., Dr. G. M. Williamson, 4½ S. Third St., Grand Forks.

OHIO: Columbus, April 1. Sec., Dr. H. M. Platter, 21 W. Broad St., Columbus.

OKLAHOMA:* Oklahoma City, June 11-12. Sec., Dr. James D. Osborn Jr., Frederick.

OREGON: Portland, April 3. Exec. Sec., Miss Lorienne M. Conlee, 608 Failing Bldg., Portland.

PENNSYLVANIA: Philadelphia and Pittsburgh, July. Act. Sec., Bureau of Professional Licensing, Department of Public Instruction, Mrs. Marguerite G. Steiner, 358 Education Bldg., Harrisburg.

SOUTH DAKOTA:* Pierre, July 15-16. Dir., Medical Licensure, Dr. J. F. D. Cook, State Board of Health, Pierre.

TENNESSEE: Memphis, March 26-27. Sec., Dr. H. W. Qualls, 130 Madison Ave., Memphis.

VIRGINIA: Richmond, June 17-20. Sec., Dr. J. W. Preston, 30½ Franklin Road, Roanoke.

* Basic Science Certificate required.

BOARDS OF EXAMINERS IN THE BASIC SCIENCES

ARIZONA: Tucson, March 18. Sec., Mr. Franklin E. Roach, Science Hall, University of Arizona, Tucson.

DISTRICT OF COLUMBIA: Washington, April 21-22. Sec., Commission on Licensure, Dr. George C. Ruhland, 203 District Bldg., Washington.

FLORIDA: De Land, June 7. *Applications must be on file not later than May 24.* Sec., Prof. J. F. Conn, John B. Stetson University, De Land.

MINNESOTA: Minneapolis, April 1-2. Sec., Dr. J. Charnley McKinley, 126 Millard Hall, University of Minnesota, Minneapolis.

OKLAHOMA: Oklahoma City, May 22. Sec. of State, Hon. C. C. Childress, State Capitol, Oklahoma City.

OREGON: Corvallis, July 12. Sec., State Board of Higher Education, Mr. Charles D. Byrne, University of Oregon, Eugene.

RHODE ISLAND: Providence, April 3-4. Sec., Division of Examiners, Rev. Nicholas H. Serror, Providence College, Providence.

SOUTH DAKOTA: June. Sec., Dr. G. M. Evans, Yankton.

WISCONSIN: Madison, April 5. Sec., Prof. Robert N. Bauer, 3414 W. Wisconsin Avenue, Milwaukee.

District of Columbia November Report

Dr. George C. Ruhland, secretary, Commission on Licensure, reports the written examination for medical licensure held at Washington, Nov. 12-13, 1940. The examination covered 10 subjects and included 60 questions. An average of 75 per cent was required to pass. Eighteen candidates were examined, all of whom passed. The following schools were represented:

School	PASSED	Year Grad.	Per Cent
George Washington University School of Medicine		(1935)	77.4,
(1936) 80, (1939) 79, 82.6, 84, 84.8, 85.5, 86.6			
Georgetown University School of Medicine		(1938)	80.3,
(1939) 82, 83.1			
Howard University College of Medicine		(1937)	78.8,
(1939) 79.1			
Johns Hopkins University School of Medicine		(1930)	80.1
University of Minnesota Medical School		(1924)	78.3
Columbia University College of Physicians and Surgeons		(1928)	79.3,
(1938) 83.8			
University of Oklahoma School of Medicine		(1938)	85.8

Sixteen physicians were licensed to practice medicine by reciprocity and 18 physicians so licensed by endorsement from June 12 through December 12. The following schools were represented:

School	LICENSED BY RECIPROCITY	Year Grad.	Reciprocity with
Stanford University School of Medicine		(1938)	California
George Washington University School of Medicine		(1916)	New York,
(1938, 2) Maryland, (1938) North Carolina			
Howard University College of Medicine		(1935)	Virginia,
(1938) Maryland			
Rush Medical College		(1937)	N. Carolina
University of Maryland School of Medicine and College of Physicians and Surgeons		(1934)	Maryland
University of Michigan Medical School		(1932), (1934)	Michigan
Jefferson Medical College of Philadelphia		(1915)	Penna.
University of Pittsburgh School of Medicine		(1937)	Penna.
McHarry Medical College			Tennessee
Medical College of Virginia		(1937)	Virginia
University of Virginia Department of Medicine		(1929)	Alaska

School	LICENSED BY ENDORSEMENT	Year Grad.	Endorsement of
College of Medical Evangelists		(1939), (1940)	N. B. M. Ex.
Yale University School of Medicine		(1926)	N. B. M. Ex.
George Washington University School of Medicine		(1939, 3)	N. B. M. Ex.
Georgetown University School of Medicine		(1937),	
(1938, 3), (1939) N. B. M. Ex.			
Howard University College of Medicine		(1936)	N. B. M. Ex.
Johns Hopkins University School of Medicine		(1938)	N. B. M. Ex.
Tufts College Medical School		(1938)	N. B. M. Ex.
New York University College of Medicine		(1938)	N. B. M. Ex.
Duke University School of Medicine		(1938)	N. B. M. Ex.
University of Pennsylvania School of Medicine		(1931)	N. B. M. Ex.
University of Vermont College of Medicine		(1939)	N. B. M. Ex.

West Virginia November Report

Dr. Arthur E. McClue, secretary, Public Health Council of West Virginia, reports the oral and written examination for medical licensure held at Morgantown, Nov. 1-2, 1940. The examination covered 11 subjects and included 110 questions. An average of 80 per cent was required to pass. Eight candidates were examined, all of whom passed. Eleven physicians were licensed to practice medicine by reciprocity and 3 physicians so licensed by endorsement. The following schools were represented:

School	PASSED	Year Grad.	Per Cent
Johns Hopkins University School of Medicine		(1936)	87.7
University of Maryland School of Medicine and College of Physicians and Surgeons		(1939)	88.4
University of Michigan Medical School		(1938)	88.7
Ohio State University College of Medicine		(1939)	88.7
University of Pittsburgh School of Medicine		(1939)	87.4
University of Tennessee College of Medicine		(1938)	86.6
Medical College of Virginia		(1937)	88.8
Laval University Faculty of Medicine		(1939)	85.7

School	LICENSED BY RECIPROCITY	Year Grad.	Reciprocity with
University of Arkansas School of Medicine		(1937)	Arkansas
George Washington University School of Medicine		(1939)	Maryland
Rush Medical College		(1937)	New Jersey
University of Maryland School of Medicine and College of Physicians and Surgeons		(1938)	Maryland
St. Louis University School of Medicine		(1939)	Missouri
Columbia University College of Physicians and Surgeons		(1935)	Minnesota
Ohio State University College of Medicine		(1936)	Ohio
Hahnemann Medical College and Hosp. of Philadelphia		(1937)	Penna.
Medical College of Virginia		(1937), (1938)	Virginia
University of Wisconsin Medical School		(1939)	Wisconsin

School	LICENSED BY ENDORSEMENT	Year Grad.	Endorsement of
Boston University School of Medicine		(1939)	N. B. M. Ex.
Harvard Medical School		(1928)	N. B. M. Ex.
Duke University School of Medicine		(1938)	N. B. M. Ex.

Bureau of Legal Medicine and Legislation

MEDICOLEGAL ABSTRACTS

Hospitals: Liability for Injury to Mental Patient Following Ineffectual Surveillance.—The patient in this case was suffering from a mental disorder which was diagnosed as "nervousness and stuporous depression." In February 1937, after consulting a specialist in mental diseases, she was taken to a private hospital, located on the shore of a lake, which was owned and operated by the defendant physician. When the patient was admitted to the hospital, her husband and sister discussed with the defendant the patient's health, background, family life and the like and, as the sister testified, they "discussed that she would have to have special care and she would have to be watched." The patient was assigned to a room the windows of which were furnished with guards and storm windows, but it was adjacent to a living room in which the windows were not guarded and could be easily raised. The door to her room was not locked and was left ajar. Early on the morning of the patient's seventh day in the hospital, about five minutes after having had a conversation with the patient in her room, one of the nurses heard a noise and on investigation discovered that the patient had left her room, gone into the living room, opened the window and stepped out onto the ground, clad only in her nightgown. The temperature at the time was 2 degrees above zero (F.). The defendant, who lived about two blocks from the hospital and had been "immediately" notified, went at once to the lake shore, made an unsuccessful search and returned to the hospital building. There he discovered her footprints, followed them to an outhouse on the premises where he found the patient and returned her to the hospital. She had been exposed to the cold for about one hour and forty minutes. Her legs and arms were swollen, her feet were frozen, she was in a state of shock and she began to have a high temperature. Eventually her mental condition became such as to require commitment to an insane asylum. Subsequently the patient and her husband sued the defendant for damages for physical and mental injuries which they alleged she had sustained because of the defendant's negligence. The plaintiffs obtained a verdict in their favor in the trial court, which was modified by the presiding judge before judgment in their favor was entered, and both the plaintiffs and the defendant thereupon appealed to the Supreme Court of Wisconsin.

The plaintiffs contended that the defendant's conduct was the cause of the patient's aggravated mental condition, whereas the defendant contended that there was no evidence of any negligence on the part of either himself or the employees of the hospital. A private hospital engaged in the treatment of nervous and mental diseases, said the Supreme Court, is bound to use such means as are necessary and reasonably sufficient to restrain and guard its patients. But in the present case the patient was admitted for treatment and was not committed for restraint. There was not the slightest evidence that she was considered a proper subject for special restraint or that her history aroused suspicion or placed the defendant on notice that the patient would attempt to leave the hospital or inflict injury on herself if not restrained. In fact, up until she left the hospital, she conducted herself in a mild and docile manner. The court, therefore, held that that portion of the verdict which found the defendant guilty of negligence in not properly restraining or guarding the patient was erroneous.

The court, however, was of the opinion that the jury should have been more clearly instructed as to whether the defendant and his nurses had discharged their duty of due care after discovering the patient's departure. In the judgment of the court the jury would have been justified from the evidence in concluding that the nurses might have prevented the extended exposure and that the defendant might have found the patient sooner if he had first looked for her footprints and started his search from the hospital building rather than from the lake shore. The jury might have found that such conduct amounted to negligence. The jury was asked to determine whether or not the defendant and his nurses had failed "to use such means to restrain and guard her [the patient] as would seem reasonably sufficient to an ordinarily prudent man under like circumstances to prevent her from escaping and injuring herself." It could be assumed that this question was broad enough to cover both negligence in permitting her to leave the hospital and negligence in failing to use due care in returning her to the hospital. But such an assumption made the question a double one and rendered it impossible to determine whether an affirmative answer to it was based on only one or both theories of negligence. The court concluded, therefore, that justice required that a new trial be had on this issue, and so it ordered the cause remanded for a new trial.—*Dahlberg v. Jones, 285 N. W. 841 (Wis., 1939).*

Society Proceedings

COMING MEETINGS

Alabama, Medical Association of the State of, Mobile, Apr. 15-17. Dr. D. L. Cannon, 519 Dexter Ave., Montgomery, Secretary.

American Association of Anatomists, Chicago, Apr. 9-11. Dr. E. R. Clark, Dept. of Anatomy, University of Pennsylvania School of Medicine, Philadelphia, Secretary.

American Association of Pathologists and Bacteriologists, New York, Apr. 10-11. Dr. Howard T. Karsner, 2085 Adelbert Road, Cleveland, Secretary.

American Association of the History of Medicine, Atlantic City, N. J., May 4-6. Dr. Henry E. Sigerist, 1900 East Monument St., Baltimore, Secretary.

American College of Physicians, Boston, Apr. 21-25. Mr. E. R. Loveland, 4200 Pine St., Philadelphia, Executive Secretary.

American Dermatological Association, New Orleans, Apr. 7-11. Dr. Harry R. Foerster, 208 East Wisconsin Ave., Milwaukee, Secretary.

American Gastro-Enterological Association, Atlantic City, N. J., May 5-6. Dr. Thomas T. Mackie, 16 East 90th St., New York, Secretary.

American Physiological Society, Chicago, Apr. 16-19. Dr. Philip Bard, 710 North Washington St., Baltimore, Secretary.

American Society for Clinical Investigation, Atlantic City, N. J., May 5. Dr. Eugene M. Landis, University of Virginia Hospital, Charlottesville, Va., Secretary.

American Society for Experimental Pathology, Chicago, Apr. 15-18. Dr. Harry P. Smith, Dept. of Pathology, University of Iowa, Iowa City, Secretary.

American Society for Pharmacology and Experimental Therapeutics, Chicago, Apr. 15-19. Dr. G. Philip Grabfield, 319 Longwood Ave., Boston, Secretary.

American Society of Biological Chemists, Chicago, Apr. 15-19. Dr. C. G. King, Dept. of Chemistry, University of Pittsburgh, Pittsburgh, Secretary.

American Surgical Association, White Sulphur Springs, W. Va., Apr. 28-30. Dr. Charles G. Mixter, 319 Longwood Ave., Boston, Secretary.

Arizona State Medical Association, Phoenix, Apr. 16-19. Dr. W. Warner Watkins, 15 East Monroe St., Phoenix, Secretary.

Arkansas Medical Society, Little Rock, Apr. 14-16. Dr. William R. Brooksher, 602 Garrison Ave., Fort Smith, Secretary.

Association for the Study of Internal Secretions, Atlantic City, N. J., May 2-3. Dr. E. Kost Shelton, 921 Westwood Blvd., Los Angeles, Secretary.

Association of American Physicians, Atlantic City, N. J., May 6-7. Dr. Hugh J. Morgan, Vanderbilt University Hospital, Nashville, Tenn., Secretary.

California Medical Association, Del Monte, May 5-8. Dr. George H. Kress, 450 Sutter St., San Francisco, Secretary.

Federation of American Societies for Experimental Biology, Chicago, Apr. 15-19. Dr. D. R. Hooker, 19 West Chase St., Baltimore, Secretary.

Florida Medical Association, Jacksonville, Apr. 28-30. Dr. Shaler Richardson, G. Box 1018, Jacksonville, Secretary.

Louisiana State Medical Society, Shreveport, Apr. 21-23. Dr. P. T. Talbot, 1430 Tulane Ave., New Orleans, Secretary.

Maryland, Medical and Chirurgical Faculty of, Baltimore, Apr. 22-23. Dr. Richard T. Shackelford, 1211 Cathedral St., Baltimore, Secretary.

Missouri State Medical Association, St. Louis, Apr. 28-30. Mr. E. H. Bartelsmeyer, 634 North Grand Blvd., St. Louis, Executive Secretary.

National Tuberculosis Association, San Antonio, Tex., May 5-8. Dr. Charles J. Hatfield, 1790 Broadway, New York, Secretary.

Nebraska State Medical Association, Lincoln, May 5-8. Dr. R. B. Adams, 416 Federal Securities Bldg., Lincoln Secretary.

New York, Medical Society of the State of, Buffalo, Apr. 28-May 1. Dr. Peter Irving, 292 Madison Ave., New York, Secretary.

Northern Tri-State Medical Association, Tiffin, Ohio, Apr. 8. Dr. E. Benjamin Gillette, 320 Michigan St., Toledo, Ohio, Secretary.

Post Graduate Institute of the Philadelphia County Medical Society, Philadelphia, Mar. 31-Apr. 4. Dr. Rufus S. Reeves, 301 South 21st St., Philadelphia, Director.

Society for the Study of Asthma and Allied Conditions, Atlantic City, N. J., May 3. Dr. W. C. Spain, 116 East 53d St., New York, Secretary.

South Carolina Medical Association, Greenville, Apr. 15-17. Dr. Julian P. Price, 105 West Cheves St., Florence, Secretary.

Tennessee State Medical Association, Nashville, Apr. 8-10. Dr. H. H. Shoulders, 706 Church St., Nashville, Secretary.

Current Medical Literature

AMERICAN

The Association library lends periodicals to members of the Association and to individual subscribers in continental United States and Canada for a period of three days. Three journals may be borrowed at a time. Periodicals are available from 1931 to date. Requests for issues of earlier date cannot be filled. Requests should be accompanied by stamps to cover postage (6 cents if one and 18 cents if three periodicals are requested). Periodicals published by the American Medical Association are not available for lending but can be supplied on purchase order. Reprints as a rule are the property of authors and can be obtained for permanent possession only from them.

Titles marked with an asterisk (*) are abstracted below.

Alabama State Medical Assn. Journal, Montgomery

10:229-256 (Jan.) 1941

Chronic Endocervicitis. J. M. Weldon, Mobile.—p. 229.
Perennial Hay Fever: Report of Sixty Cases. G. K. Spearman, Anniston.—p. 232.
Symptoms of Anorectal Disease. N. L. Andrews, Birmingham.—p. 234.
Recent Concepts in Renal Surgery. P. P. Salter, Eufaula.—p. 237.
Carcinoma of Breast: Present Day Treatment. R. A. Hamrick, Birmingham.—p. 241.

Illinois Medical Journal, Chicago

79:1-88 (Jan.) 1941

Treatment of Cutaneous Vascular Nevi (Hemangiomas). F. E. Simpson, J. E. Breed and J. S. Thompson, Chicago.—p. 21.
*Postoperative Thrombosis and Embolism. G. de Takats, Chicago.—p. 25.
Progress Report on Pneumonia Control in Illinois. H. A. Lindberg, Springfield.—p. 32.
Prostatic Electroresection: Views on Procedures and Urinary Infections. E. W. White and C. A. Murray, Chicago.—p. 35.
Specific Treatment of Anemia with Liver and Iron. R. L. Haden, Cleveland.—p. 44.
Injection Treatment of Hemorrhoids: Results with Sodium Psylliate Solution. T. F. Reuther, Chicago, and C. O. Almquist, Gary, Ind.—p. 50.
Hypopituitary Sterility: Improved by Splitting the Ovary. W. W. Voight, Chicago.—p. 52.
Survey of Congenital Anomalies as Found in 1,131 Necropsies. P. Gruenwald, Chicago.—p. 55.
Recent Advances in Gynecologic Endocrinology. J. P. Greenhill, Chicago.—p. 61.
Pruritus: Review of Its Motivation. W. J. Morginson, Springfield.—p. 66.
Choice and Dosage of Chemotherapeutic Agents for Bacterial Infections. H. L. Barnett, St. Louis.—p. 70.
Diagnosis and Treatment of Common Peripheral Vascular Disease of Lower Extremities. J. D. Farrington, Chicago.—p. 73.
Nitrogen Therapy in Schizophrenia. C. E. Lengyel, Elgin.—p. 77.
Continuous Alternating Scheme of Treatment in Control of Acquired Syphilis. R. A. Vonderlehr, Washington, D. C.—p. 80.

Postoperative Thrombosis and Embolism.—De Takats points out that, while there has been a gradual reduction in the general mortality following major surgical procedures, the incidence of postoperative thrombosis and embolism has not decreased. He discusses the three predisposing factors of postoperative embolism and thrombosis: hemoconcentration, the slowing of venous return and meteorologic influences. As preventive measures are possible against the first two, they constitute the prophylactic field. The objectives of early treatment in thrombosis are the freeing of the limb from postoperative edema and the protection of the patient from propagating thrombosis and embolism. The patients with the early premonitory symptoms which may later be followed by the manifest thrombosis or remain latent abortive types of phlebitides are more endangered by embolism than those in which a large "milk leg" has appeared. In fact, once a milk leg has made its appearance the danger of embolism is slight. A small rise in the evening temperature, a persistently elevated pulse rate without cause after the fourth to fifth postoperative day should cause one to seek for other signs and symptoms of latent thrombosis. These are (1) an elevation of skin temperature of the sole of the foot on the affected side, (2) pain on pressure in the sole of the foot, in the calf muscles, in the popliteal space on dorsiflexion of the foot or in the groin, (3) a slight edema of the groin or suprapubic region, (4) frequent urination or mucous stools and (5) pain in the small of the back. The three last symptoms are suggestive of pelvic thrombosis, while the location of pressure pain often denotes the site of the original thrombus, which, if it remains localized, may not progress to a manifest thrombosis. However, there are postoperative blood clots in which these premonitory signs and symptoms are missing. The patient may show a smooth postoperative course with no rise in pulse and temperature, no pain or swelling; most fatal pulmonary emboli originate from such thrombi. They are located in the muscle veins of the calf or the large pelvic plexuses. Many small emboli go unnoticed. Proof of this is the frequent finding of emboli in the lungs of patients whose clinical symptoms were not suggestive. A quick sharp pain in the side followed by a mild dry or exudative pleurisy, a short retrosternal attack of pain or a few minutes of dyspnea followed by lassitude should suggest embolism. Nurses' records show that the three leading symptoms are dyspnea, cyanosis and chest pain. Emergency treatment of pulmonary embolism when cyanosis and dyspnea are the predominant symptoms consists of drugs and oxygen by nasal catheter or, preferably, in 100 per cent concentration. However, massive pulmonary embolism is often characterized by pallor, retrosternal pain and fall in blood pressure; its differentiation from a coronary occlusion is quite difficult. It is necessary to avoid the obsession that cyanosis and dyspnea are the cardinal signs of pulmonary embolism. If the diagnosis is incorrect and coronary occlusion, acute pulmonary edema or cerebrovascular accident is present, the treatment does no harm but is definitely beneficial. Morphine, digitalis and epinephrine are not recommended, as they either sensitize the vagus or, in the case of epinephrine, favor pulmonary edema. Instead, atropine and papaverine are used.

Journal of Experimental Medicine, New York

73:1-160 (Jan.) 1941

Study of Quantitative Changes of Shope Rabbit Papilloma Virus at Site of Inoculation in Skin of Cottontail and Domestic Rabbit. T. Rivers, Packard, Baltimore.—p. 1.
*Reduction of Arterial Blood Pressure of Hypertensive Patients and Animals with Extracts of Kidneys. I. H. Page, O. M. Helmer, K. G. Kohlstaedt, P. J. Fouts and G. F. Kempf, Indianapolis.—p. 7.
Experimental Infection with Influenza A Virus in Mice: Increase in Intrapulmonary Virus After Inoculation and Influence of Various Factors Thereon. R. M. Taylor, New York.—p. 43.
Comparison of Cutaneous Sensitization and Antibody Formation in Rabbits Immunized by Intravenous or Intradermal Injections of Indifferent or Hemolytic Streptococci and Pneumococci. D. M. Angevine, New York.—p. 57.
Intermittent Takeup of Fluid from Cutaneous Tissue. P. D. McMaster, New York.—p. 67.
Factors Influencing the Intermittent Passage of Locke's Solution into Living Skin. P. D. McMaster, New York.—p. 85.
Relationship Between Spreading Factor and Hyaluronidase. Gladys L. Hobby, M. H. Dawson, K. Meyer and Eleanor Chaffee, New York.—p. 109.
Quantitative Experiments with Antibodies to Specific Precipitate: I. H. P. Treffers and M. Heidelberger, New York.—p. 125.
Structural and Functional Transformations in Tubular Epithelium of Dog's Kidney in Chronic Bright's Disease and Their Relation to Mechanisms of Renal Compensation and Failure. J. Oliver, F. Bloom and Muriel MacDowell, Brooklyn.—p. 141.

Hypertension Reduced with Renal Extracts.—According to Page and his associates, evidence from a study of dogs, rats and patients with hypertension indicates that an extractable substance is present in normal kidneys which has the property of reducing arterial blood pressure, and experience suggests that it may have therapeutic properties. A number of extracts have been found active. All extracts used for animals were treated by adding one part of merthiolate to 20,000 parts of extract. Sterility of extracts used for patients was assured by filtration through a Seitz filter. In dogs, subcutaneous or intramuscular injection of renal extracts caused no immediate change in blood pressure. Intravenous injection resulted in a sharp, prolonged rise, probably the result of contained renin. A fall in blood pressure usually began after two to four days. Its effect appeared cumulative, for if an excess was given the pressure continued to fall progressively until death occurred. A fatal dose of extract caused a shocklike syndrome to appear. The renal extract given to dogs with severe experimental hypertension and nitrogen retention often reduced both. Many extracts were inactive or an insufficient amount was given. The length of time before the arterial pressure rose after treatment was discontinued varied. In general the larger the dose of extract, the more prolonged the effect. In a few instances it rose above the hypertensive level (150 mm. of mercury mean pressure) within four days after treatment was stopped. In most cases from four to forty-one days was

required and in a few it has not risen even after ninety-seven days. The extract given has been measured in terms of original whole kidney substance used for its preparation. Roughly, from 400 to 900 Gm. of kidney was required for the preparation of sufficient extract to reduce the mean arterial pressure of a dog weighing 12 Kg. (26 pounds) from 200 to 130 mm. of mercury. The clinical condition of the animals remained excellent even when the pressure fell to 100 mm. or less, provided the drop did not occur too precipitiously. The treatment of 54 animals exhibiting signs of the malignant syndrome saved the lives of 22. It appeared of the utmost importance to administer extract early and in large doses. The eye signs regressed, and vision was often restored. Improvement appeared to last only for as long as the animals continued to receive the extract. After the malignant syndrome reappeared, further treatment caused a second regression in 4 dogs. Much the same phenomena were observed in hypertensive rats as in dogs. The authors gave daily extracts of 800 to 1,000 Gm. of whole fresh kidney to hypertensive patients. The most general reaction was pain in the muscles of the back and a feeling of constriction in the chest. This may last for ten minutes or more and be followed by a rise in temperature to about 102 F. Occasionally a sufficiently sharp fall in blood pressure occurred a few minutes after the injection to make it desirable to administer epinephrine. Local reactions were reddening, induration and pain around the site of injection. All the reactions were irregular in their appearance. As in the animals, the extract caused no immediate fall, but after several days or a week the pressure was definitely reduced. The blood pressure of 6 patients with essential (fixed) hypertension has been reduced, respectively, from 220, 248, 200, 237, 213, 229 systolic and 130, 148, 129, 130, 123, 119 diastolic to 148, 172, 173, 189, 170, 157 systolic and 103, 104, 118, 102, 106, 78 diastolic. When the blood pressure was reduced, the headaches of the patients who had them when the blood pressure was high disappeared. Dyspnea was lessened. On the whole the patients felt much better, though some of them were not aware of the reduction of the blood pressure. The most dramatic changes were observed in 5 patients with advanced malignant hypertension; 1 of them had convulsions and 2 were stuporous. Two days after treatment was initiated the patients were alert and sitting up in bed. Convulsions did not recur during treatment. Two of the patients were almost blind and the other 3 had reduced vision because of hemorrhages, exudates and papilledema. Vision was partially restored in all. The electrocardiogram of these patients after treatment demonstrated an improved state of the myocardium; the T waves became upright when they had been inverted. Hemoglobin tended to fall even after sufficient amounts of extract; therefore the anemia of malignant hypertension may require additional treatment. Two of the patients with malignant hypertension are dead. The other 3 patients are ambulant, and 1 is now being treated as an outpatient. Increasing experience with the treatment suggests that it is of therapeutic value in hypertension but that it is as yet in the experimental stage.

Rocky Mountain Medical Journal, Denver

38:1-88 (Jan.) 1941

Surgical Aspects of Peptic Ulcer. E. L. Eliason and J. Johnson, Philadelphia.—p. 19.
Acute Massive Pulmonary Atelectasis: Report of Case Following Subtotal Thyroidectomy. L. A. Stevenson and V. L. Stevenson, Salt Lake City.—p. 24.
Tonsillectomy Experiences in Private Practice: Based on Records of 1,500 Tonsillectomies, 1906-1940. E. Whedon, Sheridan, Wyo.—p. 29.
Alcoholism. P. Haun, Denver.—p. 33.
Modernizing Medical Public Relations. H. T. Sethman, Denver.—p. 40.
*Continuous Transthoracic Aspiration of Pulmonary Cavities: Indications, Technic and Case Reports. A. Guggenheim and M. Finkelstein, Denver.—p. 45.

Continuous Aspiration of Pulmonary Cavities.—Since September 1939 Guggenheim and Finkelstein have used continuous transthoracic aspiration of pulmonary cavities, according to the method of Monaldi, for 4 patients. The first patient experienced definite improvement with the beginning of aspiration and has gained in weight. The sputum dropped from 90 to 2 cc. daily. Aspiration was discontinued after two months; ten sputum specimens were found negative on direct smear and five positive. The aspirated material of the second patient dropped from 75 to 8 cc. daily after ten weeks of treatment. The sputum decreased to 75 cc. (by one half) daily. Both sputum and aspirated material are still positive for tubercle bacilli. The cavity, as seen on roentgen study, was decreased by almost one half. Aspiration is being continued. Aspiration of the third patient was discontinued after eleven days, as the temperature rose abruptly to 103 F. No fluid or air could be aspirated from the cavity. Roentgen study revealed a massive infiltration throughout the lower half of the right lung field. The infection subsided, and the sinus healed after three weeks. The temperature has remained normal for six weeks. The sputum decreased in quantity and was negative for tubercle bacilli. A roentgenogram showed complete resolution of the acute infiltration and disappearance of the cavity. The last patient had had an artificial pneumothorax on the right side two years previously. It was followed by a superimposed spontaneous pneumothorax and given up as dangerous. The patient's course was poor. Cough was excessive and harassing, expectoration reaching 500 cc. daily. Aspiration of the huge cavity on the left side was performed to relieve the excessive cough and expectoration. There was slight symptomatic relief but after four weeks the patient died. Necropsy revealed no gross changes in the cavity that could be ascribed to the procedure, except thinning of the wall near the site of entry. Continuous aspiration has thus far been applied only to tuberculous cavities, but the authors suggest that it may be of value in chronic lung abscess, infected pulmonary cysts and other conditions characterized by infected cavities in the lung. Aspiration may be useful as a preliminary to thoracoplasty, making it possible to operate on a lung containing a shrunken cavity free of secretion, instead of a large defect containing infectious pus. Since the period of observation for any case has been short, it is impossible to draw conclusions. Immediate results have been encouraging and indicate that the procedure is worthy of further clinical trial.

South Carolina Medical Assn. Journal, Greenville

36:331-366 (Dec.) 1940

Preliminary Discussion of Poliomyelitis in South Carolina in 1939. G. E. McDaniel, Columbia.—p. 331.
Use of Vitamin K in the Newborn. G. D. Johnson, Spartanburg.—p. 336.
Intravenous Therapy in Treatment of Acute Heart Failure and Cardiac Asthma. J. T. Quattlebaum, Columbia.—p. 338.

Virginia Medical Monthly, Richmond

68:1-66 (Jan.) 1941

Roentgen Ray Examination of Small Intestine in Nutritional Disturbances. R. Golden, New York.—p. 1.
Cancer Control in Virginia. E. P. Lehman, University.—p. 9.
Effects of Quinine as Prophylactic versus Influenza and Probable Reason. A. M. Showalter, Christiansburg.—p. 15.
Ultimate Prognosis in Eclampsia. M. P. Rucker and E. S. Williams, Richmond.—p. 20.
Diagnosis and Treatment of Stomach Trouble. J. S. Horsley, Richmond.—p. 22.
Rapid Bedside Micro-Prothrombin Test: Preliminary Report. C. S. White, D. J. Abramson, J. J. Weinstein and Mary T. Sproul, Washington, D. C.—p. 27.
Roentgen Therapy of Inflammatory Conditions. W. H. Whitmore, Norfolk.—p. 29.
Vicarious or Endocrine Bleeding: New Theory Concerning Spontaneous Hemorrhage. P. Jacobson, Petersburg.—p. 37.
Carcinoma of Cervix: Statistical Analysis of Cases Seen at the Medical College of Virginia. R. H. Hoge, Richmond.—p. 39.
Frequency of Spina Bifida. H. G. Hadley, Washington, D. C.—p. 43.
Diabetic Coma Complicated by Pneumonia: Report of Case. C. D. Nofsinger and B. Katzen, Roanoke.—p. 46.
Hydramnios: Brief Review of Literature with Report of Two Cases. C. L. Riley, Winchester, and F. T. Hauser, Purcellville.—p. 48.

Wisconsin Medical Journal, Madison

40:1-84 (Jan.) 1941

Treatment of Trichomonas Vaginalis Vaginitis, Including Analysis of 100 Cases. J. D. Owen, Milwaukee.—p. 17.
Maternal Mortality and Forceps Deliveries. F. A. LaBreck, Eau Claire.—p. 22.
Roseola Infantum (Exanthem Subitum). R. M. Greenthal, Milwaukee.—p. 25.
Evaluation of Heart in Hypertension. V. W. Koch, Janesville.—p. 28.
"Hollow Foot" in Industry. H. H. Huber, Milwaukee.—p. 30.

FOREIGN

An asterisk (*) before a title indicates that the article is abstracted below. Single case reports and trials of new drugs are usually omitted.

British Journal of Experimental Pathology, London

21:243-314 (Oct.) 1940

Effect of Carbon Dioxide on Growth of Tubercle Bacillus. R. Davies.—p. 243.
Output of Lymphocytes from Thoracic Duct in Cats and Rabbits. A. G. Sanders, H. W. Florey and J. M. Barnes.—p. 254.
Enzymes of Lymphocytes and Polymorphonuclear Leukocytes. J. M. Barnes.—p. 264.
Effects of Removal of Lymphoid Tissue. A. G. Sanders and H. W. Florey.—p. 275.
Relationships Between Respiratory Activities of Bacteria and Their Sensitiveness to Sulfanilamide, *p*-Hydroxylaminobenzenesulfonamide and *p*-Nitrobenzenesulfonamide. H. Burton, J. W. McLeod, T. S. McLeod and Anna Mayr-Harting.—p. 288.
Appraisal of Therapeutic Agents in Experimental Staphylococcic Infection. L. N. Farrell.—p. 302.
Technic of Coagulase Test for Staphylococci. A. Fisk.—p. 311.

Lancet, London

2:737-768 (Dec. 14) 1940

Plea for Despecializing of Pathology. G. W. Goodhart.—p. 737.
Wartime Psychiatry and Economy in Man Power. D. Curran and W. P. Mallinson.—p. 738.
Operation for Epiphora. H. B. Stallard.—p. 743.
Shelter Deaths from Pulmonary Embolism. K. Simpson.—p. 744.
Santonin Poisoning: Fatal Case. H. A. Cookson and C. J. H. Stock.—p. 745.
Continuous Venous Hum and Thrill in Cirrhosis of Liver. L. A. Wilson.—p. 745.
New Use for the Both Respirator. R. R. Macintosh.—p. 745.

2:769-798 (Dec. 21) 1940

Mass Psychotherapy. E. N. Snowden.—p. 769.
Control of Air-Borne Infection in Air Raid Shelters and Elsewhere. C. H. Andrewes and Others.—p. 770.
*Effects of Serum and Saline Infusions: Quantitative Studies in Man. D. K. Hill, J. McMichael and E. P. Sharpey-Schafer.—p. 774.
Operation for Penoscrotal Hypospadias. D. Levi.—p. 777.
Outbreak of Paratyphoid B in Bristol. I. G. Davies, K. E. Cooper, J. Wiseman and J. M. Davies.—p. 778.
Agranulocytosis After Sulfapyridine Therapy, with Recovery. J. E. G. Pearson and A. A. G. Lewis.—p. 779.

Effects of Serum and Saline Infusions.—According to Hill and his associates, accurate knowledge is needed of the effects of various types of infusions recommended in the treatment of hemorrhage and shock, both of which conditions are characterized by a depletion of the volume of circulating blood. They made observations on the hemoglobin concentration, blood volume and blood pressure before and after infusion with physiologic solution of sodium chloride, hypertonic saline solution, serum or concentrated serum in normal persons and in patients with postoperative and posttraumatic shock. They found that physiologic or hypertenic saline solution given intravenously to normal persons is rapidly lost from the circulation. Serum given intravenously to normal persons is retained in the circulation for long periods. The rise in blood volume depends on the total quantity of protein added and is independent of the dilution of serum employed. In shocked patients the intravenous administration of saline solution produces only transient benefit. Giving serum intravenously is effective in overcoming circulatory collapse due to diminished blood volume. The recovery of a shocked patient is invariably heralded by a rise in systolic and pulse pressures. The pulse rate, on the other hand, is a deceptive index of the patient's condition, for it often remains high, even when the blood pressure has risen to normal. It is useful to follow the concentration of hemoglobin in the blood of shocked patients. A rising hemoglobin means a falling blood volume and precedes a deterioration in the patient's condition. Recovery can be forecast if the hemoglobin is falling, meaning that the blood volume is being spontaneously restored by dilution of the blood. The retention of infused serum or saline solution can be gaged by estimating the hemoglobin.

Medical Journal of Australia, Sydney

2:555-588 (Nov. 30) 1940

Investigation of Condition Known as Coastal Fever in North Queensland: Its Separation from Scrub Typhus. W. G. Heaslip.—p. 555.
Survey of Endemic Typhus in New Guinea. C. E. M. Gunther.—p. 564.
Some Observations on Endemic Typhus in South Australia. J. M. Dwyer and Nancy Atkinson.—p. 573.

Medicina, Madrid

8:1-74 (Oct.) 1940. **Partial Index**

Classification and Systematization of Osseous Dystrophy. S. Olmo.—p. 48.
*Kauffmann Diuresis Test of Heart Function in Children. J. T. Rubio Garcia.—p. 59.

Kauffmann Diuresis Test of Heart Function in Children.—Rubio García performed the Kauffmann test on 100 children ranging in age from 4 to 13 years. A positive test is indicated by the increase in diuresis in the last two hours of the test. The patient lies in bed during the test in the horizontal posture for the first four hours and in the inclined headward position for the last two hours. The test was negative in cases of rheumatic fever and heart disease with edema, in chorea with or without rheumatism, in chronic deforming polyarticular rheumatism without heart disease, in congenital heart disease, and in various diseases not related to rheumatism and heart disease. The test was positive in all cases of rheumatic fever with heart disease in the absence of edema or with very mild edema. In some of the cases positive results were observed in the absence of edema. The test became negative when edema appeared or reappeared, or the reverse. In all cases a positive test was observed only in the absence of edema and pointed to impending decompensation of the heart. The author suggests the use of an index for the gradation of the results of the test as a help in recognizing impending decompensation. The index is obtained by ascertaining the average hourly output for the first four hour period and the average hourly output for the second two hour period and dividing the figure of the first average hourly output by that of the second one. Amounts below the index are considered positive and above negative. The results are indicated by plus and minus signs respectively. Figures between 0.9 and 1 are weakly positive (+), between 0.6 and 0.9 positive (++) and below 0.6 strongly positive (+++). Figures between 1 and 1.1 are weakly negative (—), between 1.1 and 1.6 negative (——) and above 1.6 strongly negative (———). The author concludes that Kauffmann's test is of value for the diagnosis of latent decompensation of the heart. The test is simple, harmless and reliable. It has no prognostic value nor applicability to children with manifest edema. The index for grading the results of the test is also simple and of value for a rapid evaluation of the results of the test and for helping one in deciding on the advisability of continuing or discontinuing the periods of rest in bed, the proper diet and treatment.

Prensa Médica Argentina, Buenos Aires

27:2611-2662 (Dec. 18) 1940. **Partial Index**

*Adrenal Insufficiency in Epilepsy. E. Cantilo.—p. 2641.
Sulfapyridine in Therapy of Gonococcic Arthritis. D. Cattaneo.—p. 2644.

Adrenal Insufficiency in Epilepsy.—Cantilo states that chronic adrenal insufficiency in the absence of any other pathologic factor may be the cause of epileptic crises of the type of essential epilepsy or its equivalents. The condition is symptomatic for adrenal insufficiency and can be controlled by proper endocrine therapy without bromides and barbiturates. Patients with this type of epilepsy have an asthenic body build, hyperpigmented skin, a depressive temperament, hypoglycemia during fasting and a diminished insulin tolerance. Glycemia and insulin tolerance return to normal values if the epileptic crises are controlled by endocrine therapy. The author reports satisfactory results in three cases from exhibition of endocrine extracts in daily doses of 0.5 Gm. of extract of the anterior lobe of the hypophysis, 0.25 Gm. of extract of total adrenals and 0.1 Gm. of extract of the thyroid. The extracts were administered by mouth. The patients received a preparation of gonadotropic hormone ("pregnyl") in doses of 1 cc. containing 500 units of the hormone, every other day for the first two months of the treatment. In cases reported by the author, glycemia and insulin tolerance returned to normal values and the epileptic crises have been controlled up to the present for more than one year without administering any other drug. The author believes that this type of epileptic crises is due to sudden lowering of glycemia, which is preventable by endocrine therapy.

Book Notices

Clinical Diabetes Mellitus and Hyperinsulinism. By Russell M. Wilder, M.D., Ph.D., F.A.C.P., Professor and Chief of the Department of Medicine, The Mayo Foundation for Medical Education and Research, University of Minnesota, Minneapolis. Cloth. Price, $6. Pp. 459, with 19 illustrations. Philadelphia & London: W. B. Saunders Company, 1940.

An important contribution to the subject of disorders of sugar metabolism with emphasis on diabetes mellitus, this first edition will fill a void in the textbook literature for physicians and medical students. In such a rapidly changing field Dr. Wilder authoritatively strikes a nice balance between vital scientific facts and practical knowledge. His right to appraise the important modern advances can scarcely be questioned in view of his annual reviews of the literature. Likewise, as one of the most experienced clinicians in the field his practical methods are useful.

From a concise physiologic approach clinical features are evolved, including diagnosis of diabetes, its pathogenesis, prognosis and course, therapy by insulin, diet and education of the patient, and complications. The author has done an exceptionally fine piece of work in presenting the complications of diabetes in an organized form. Refreshing is his treatment of the subject of arteriosclerosis associated with diabetes. Too long has it been tacitly assumed that vascular disease necessarily results from long continued diabetes. This critical discussion should help to dispel an illusion.

The sections on substitution therapy (insulin and protamine zinc insulin) and diet are especially valuable to the student and practitioner. They emphasize the practical and could almost be followed by the layman. Details of injection technic, sterilization, care of apparatus, manipulation of dosage, nutritional rules, quantitative diet methods and menus are all described clearly and from the point of view of one who has met the problems of the diabetic patient in his home in the simplest fashion possible without sacrifice of effectiveness. Some will take issue with the opinion regarding the advisability of permitting glycosuria and hyperglycemia in certain cases as a buffer against insulin shock, but at least the opposing views are cited and reasons are given. Probably most students of diabetes are forced to abide by the same principles, but some lack the courage to advise so publicly. Perhaps there is no better authority in the world for an evaluation of hyperinsulinism and its management; hence its handling in somewhat greater detail than in most reference volumes.

With the advent of Wilder's monograph the practicing physician is provided with a volume of intensely practical methods. More important, the teacher of medicine now has a sensibly accurate reference book with which to guide his students.

Absorption, Metabolism and Storage of Vitamin A and Carotene, With Some Remarks on the Vitamin A Requirement. By Torben K. With. Translated from Danish by Hans Andersen, M.D. Paper. Pp. 263. Copenhagen: Einar Munksgaard; London: Oxford University Press, 1940.

Approximately half the monograph is used for describing and discussing the author's own researches. The remainder is used for orientation in the chemistry of vitamin A and the carotenoids and for review and discussion of the literature. The monograph is of value not only because it gives much useful information with a direct application but also because all experiments and analytic procedures and methods are described in meticulous detail. The author is commendably critical in his interpretations and judgments. Some of the interesting conclusions reached are as follows: Serum vitamin A concentration does not represent accurately the content of the depots. No connection exists between the carotenoid concentration in serum and its vitamin A content. "Tolerance tests" give no information about the carotenoid or vitamin A contents of the organism. Even with the ingestion of large amounts, little or no vitamin A is excreted in the feces, whereas from 20 to 70 per cent of carotenoids are excreted even with moderate doses. Much of the difference in excretion is probably due to greater resistance of the carotenoids to destructive agents in the intestine. No essential difference exists as to vitamin A reserves of the liver between the Danish population and the population of neighboring countries. The conversion of carotene to vitamin A is a rapid process. The effect of intramuscular administration of vitamin A is far inferior to the oral. Presumably the optimum requirement of an adult person for vitamin A is between 2,000 and 4,000 units daily; the requirement for β carotene is twice this amount. The vitamin A requirement of the infant is reckoned at 25 units for each kilogram. To lactating women whose diet is suspected of being low in vitamin A, 6,000 units daily should be administered. Vitamin A deficiency in the diet may give rise to night blindness even when large reserves are stored in the liver.

The American and His Food: A History of Food Habits in the United States. By Richard Osborn Cummings, Assistant Professor of History, Lawrence College, Appleton, Wisconsin. Cloth. Price, $2.50. Pp. 267, with illustrations. Chicago: University of Chicago Press, 1940.

Food habits are fundamental in the development of good diets. People differ according to race, religion and environment in the types of food that they prefer. More and more the part played by nutrition in health is becoming established and is becoming the intimate concern of governments and nations. This story of food from 1789 until our present times provides a mass of material and references from diaries, cook books and newspapers showing how our food interests and ideals have changed with the passing years. The work of the federal government in nutrition is emphasized; also the influences of war and wages. Now that we are confronted with another military emergency, more and more attention is likely to be given to nutrition. The science of nutrition is now more firmly established. The need for education in food has been increased by higher standards of living and more knowledge. A number of appendixes provide factual data not elsewhere available.

A Boy Grows Up. By Harry C. McKown and Marion LeBron. Cloth. Price, $2. Pp. 299, with illustrations by E. R. Conerly. New York & London: Whittlesey House, McGraw-Hill Book Company, Inc., 1940.

Modern life is complicated. It is not as easy for a boy to pass from adolescence to manhood as it used to be. Any help that he can receive along the way is bound to be useful. The authors consider first the boyhood years of famous men. Then they discuss such matters as the adjustment of the boy into various organizations, the question of finances, of health, of hobbies and of jobs. Here are some nice hints on how a boy ought to act to his mother and his father, although there are many a mother and father nowadays who think they are lucky if the child will simply let them alone. There are innumerable rules of conduct, some of which sound a little comical if one takes them too seriously; for instance, "It is never good manners to slap, push, pat or nudge a girl in fun while talking with her." The authors tell the young man to wear a good, dark suit with a white shirt and plain tie to formal occasions if he has no tuxedo. Yet we have seen young men with a tie that was not quite plain panic an entire group of girls, while the boys with the plain black ties and the plain blue ties and the plain red ties gnashed their teeth in envy. Somehow this book is a little too serious and solemn about itself, perhaps enough to defeat its purpose, but there is a lot of useful information that will help teachers and parents in their attitudes to the boy it is planned to help.

Principles and Practice of Bacteriology. By Major Arthur H. Bryan, M.A., V.M.D., F.A.P.H.A., Science Department, Baltimore City College, Baltimore, and Charles G. Bryan, M.D., M.R.C.S., F.R.C.S., Royal Army Medical Corps, Perth Hospital, England. Second edition. Paper. Price, $1.25. Pp. 410, with 76 illustrations. New York: Barnes & Noble, Inc., 1940.

This book is composed of three parts. Part 1 is concerned with principles of bacteriology and is made up of thirteen chapters. Part 2 deals with medical bacteriology and is covered in sixteen chapters. Part 3 is concerned with serology and immunity, which is discussed in three chapters; it has a glossary, National Board examinations in bacteriology and immunology, State Board questions in veterinary bacteriology, State Board questions and answers for nurses in bacteriology, serology, infection and immunity and finally Maryland State Board questions for nurses. Numerous charts are included for differentiating and classifying the various microbial species. The book has real merit in outlining and classifying knowledge in the field of bacteriology and should prove useful to the physician.

Queries and Minor Notes

THE ANSWERS HERE PUBLISHED HAVE BEEN PREPARED BY COMPETENT AUTHORITIES. THEY DO NOT, HOWEVER, REPRESENT THE OPINIONS OF ANY OFFICIAL BODIES UNLESS SPECIFICALLY STATED IN THE REPLY. ANONYMOUS COMMUNICATIONS AND QUERIES ON POSTAL CARDS WILL NOT BE NOTICED. EVERY LETTER MUST CONTAIN THE WRITER'S NAME AND ADDRESS, BUT THESE WILL BE OMITTED ON REQUEST.

BLOOD SUGAR TESTS AND PROTAMINE INSULIN

To the Editor:—I should like to clear up a matter of technic in taking blood sugars on patients who are receiving protamine zinc insulin. Should the blood sugar be taken before the administration of the morning dose of protamine or should one withhold the morning dose until after the blood sugar is taken? It has been my feeling that, since protamine zinc insulin does not have any effect for some time after it is administered, one could take a blood sugar shortly after it is administered without its having any appreciable effects on the results. I have felt that this method permits the patient to receive his daily protamine dose at the same time without varying the time of administration, as may happen if one has to wait for a blood sugar to be taken occasionally.

H. A. Steinger, M.D., Windber, Pa.

ANSWER.—When patients are taking protamine zinc insulin the blood sugar should be determined before breakfast. In that way information is gained as to its efficiency in controlling at least the endogenous carbohydrate metabolism. Whether the blood is taken a few minutes before or after the daily dose of protamine zinc insulin is probably of little significance. Theoretically, protamine zinc insulin might begin to act immediately, but so slightly that even though its effect was added to that of the previous day it probably would not be of importance for an hour or two. On the other hand, the delay of breakfast by an hour with a patient whose blood sugar is well controlled with protamine zinc insulin might bring on a hypoglycemic reaction as a result of summation of doses, not only of one but of several previous days.

When crystalline or regular insulin is given at the same time as protamine zinc insulin, it is important that the breakfast follow within fifteen or at least thirty minutes, because if the protamine zinc insulin is acting well the blood sugar already is within normal limits and possibly even slowly falling and then the additional dose of a quick acting insulin would depress it so rapidly that unless carbohydrate was taken a reaction would intervene.

INTERMITTENT LOSS OF VOICE

To the Editor:—A white man occasionally suffers from complete or partial loss of his voice for days or weeks at a time. During these periods, close observation in hospitals has elicited no evidence of any organic cause for the disease. Neurologic examination has also been negative. None of the stigmas of hysteria are present. On no occasion has there been any apparent "asset value" to the attack. Recently I heard another physician mention something about a lecture on "phonasthenia." Do you know of any recent diagnostic or therapeutic discoveries for the complaint I have described, i. e. attacks of variable duration of complete or partial loss of voice?

M.D., New York.

ANSWER.—Complete or partial loss of the voice for a variable period of days or weeks followed by normal voice and then a return to a loss of voice, in the absence of organic disease of the central and peripheral nervous system and of the larynx, is most always a result of hysterical paralysis. In this condition the loss of the voice is an aphonia, the patient speaking only in whispers. In such cases coughing, hawking and even singing are accompanied by normal vocal sounds. This type of aphonia tends to disappear suddenly and spontaneously. The disappearance of the aphonia is usually due to the effect of emotion. Strong galvanic and faradic currents applied to the neck muscles may also cure this symptom. Some mental excitement may cause the return of the normal voice. The loss of the voice is apt to relapse easily and to become intractable with time. Has a laryngoscopic examination been made to visualize the vocal cords? Local disorders of the larynx and vocal cords such as laryngitis, papillomas and tuberculoma are occasional causes of loss of the voice. In such instances the loss is more of a huskiness or hoarseness and not a whisper.

Treatment should consist of a detailed psychiatric examination in order to determine the presence of emotional conflicts. If such are found, the patient must be made to face the facts instead of developing a loss of voice. Painful applications of the faradic and the galvanic current to the muscles of the neck have been used with success. While doing this the patient may cry or yell that "it hurts." These words will be of a normal sound.

EFFECT ON EYES OF BELLADONNA ADMINISTRATION FOR ENURESIS

To the Editor:—A girl aged 7 years is practically free from other abnormalities but has enuresis, both nocturnal and diurnal. She has responded well to medical treatment in which a tablet containing some belladonna is given. The result of taking the belladonna, however, is dilatation of the pupils, and this may impair her vision. If the belladonna is taken from the medicine, enuresis develops again. She has been checked over on many occasions by several physicians, and nothing abnormal has been found aside from this inability to control her urine when she is not taking the medicine. What possibility is there concerning the effect of the atropine and other belladonna drugs influencing her vision? Is there any possibility that this may be corrected by glasses? She has been taken to an optician who was not a physician, and he had recommended dark glasses. However, this did not seem to clear up the condition.

M.D., Idaho.

ANSWER.—In a girl 7 years old the chance that belladonna would increase the intraocular tension is slight. There might be considerable interference with accommodation, however, and if this should be the case it would be necessary for her to wear reading glasses in school. This would be especially true if she had a latent hyperopia to begin with, which should be determined by retinoscopy. Her accommodation should be checked by estimating the near point, and the proper addition for reading should be given on this basis, preferably in bifocal glasses. The risk that there would be any permanent damage to the accommodation from the systemic use of belladonna seems to be slight. The belladonna should be discontinued from time to time to allow restoration of the normal accommodation and, of course, discontinued entirely as soon as it is no longer necessary.

HYMENAL TEAR OR UTERINE DISPLACEMENT FROM BASKETBALL

To the Editor:—Can hymenal injury or malpositions of the uterus be induced or aggravated by girls between the ages of 13 to 15 playing basketball? The idea seems preposterous to me, yet it is asked in good faith by a person whose responsibility it is to arrange for and supervise athletics for girls in this age group.

M.D., Wisconsin.

ANSWER.—Hymenal injuries may occur while playing basketball, but they are of minor importance, for even an expert can scarcely tell whether a particular hymen has been torn. The hymen may be congenitally almost absent. Much more significant at examination is the relaxation and absence of fear of pain or injury on the part of the patient.

Malpositions of the uterus undoubtedly do occur as the result of a serious fall, particularly when the patient lands on her buttocks or back with a severe jolt, comparable to a fall from horseback or while skating or from a considerable height. In such cases there is usually a history of dysmenorrhea, backache or pelvic pressure dating from the time of the accident. The hazard of an injury producing a retrodisplacement is scarcely sufficient to warrant forbidding a child the pleasure of playing basketball.

TRICHOMONAS INFECTION IN MAN—SEXUAL TRANSMISSION

To the Editor:—A man aged 39 is accused of causing infection with Trichomonas vaginalis of a woman through sexual contact. The man himself has no symptoms of the disease, and this is also true of his wife, with whom also he has intercourse. There is no history of a reasonably close interval between the times he has relations with his mistress and with his wife and vice versa. The husband of the mistress is also free from the disease apparently. Several questions arise, namely: Is it possible or probable for the trichomonad to be transmitted from man to woman during sexual intercourse? Just how common is such a transfer if it does occur? Is it possible or probable for a man who has no symptoms of infection with the parasite to transfer the disease? Can a man act as a carrier of the parasite without having some manifestations of the disease in himself? Can a woman have the disease without her knowledge, i. e. without symptoms? Are there apt to be spontaneous recurrences of the disease even though it is apparently cured? Would sexual intercourse have any influence on the course or recurrence of the trouble? What procedures should be undertaken if one is to determine the presence of the parasite in the man if he presents no symptoms of the disease?

M.D., New York.

ANSWER.—It is both possible and probable for Trichomonas vaginalis to be transmitted by sexual intercourse but how frequently this occurs is not definitely known. A man can harbor the organism without symptoms and possibly act as a carrier. Many women also have Trichomonas vaginalis without any apparent symptoms, although the majority do have leukorrhea. Recurrence of this disease in women who have been apparently cured is common. This usually occurs after the menstrual period. In some instances sexual intercourse may be a factor provided one of the partners is infected.

The proper procedure to follow in order to establish the diagnosis of Trichomonas infection in man is to strip the urethra and obtain some of the discharge, if present, on a slide and immediately search for the organism microscopically after the secretion has been covered with a cover slip, using either the high power or oil immersion lens. If there is no discharge, the prostate should be gently massaged and prostatic fluid examined in the same way. Several examinations of the fluid, at least three days apart, should be made before it is said that the man does not have Trichomonas infection. Usually many pus cells are found in the prostatic smear when trichomonads are present. However, it does not follow that pus in the prostatic fluid indicates the presence of trichomonads.

LOSS OF LIBIDO IN DIABETES

To the Editor:—Are there any reports on the therapy of progressive loss of sexual power complicating diabetes mellitus? What forms of treatment are indicated as a trial? What other procedures should be followed? The patient in question is a man 31 years old, and ever since the opening of an apical abscess three or four years ago he has noted loss of sexual power. At the present time he is without any libido. Early during this complication another doctor treated him with androgens but without any effects. Inventory of systems elicits paresthesias of the feet and legs, slight constipation, occasional nocturia and dizziness, questionable intermittent claudication and a cutaneous rash on his hands and forearm. His past history is essentially normal with the exception of mumps without testicular involvement at the age of 16, diabetes at 19 and the opening of the apical abscess at age 28. His habits are normal. He has been taking about 20 units of regular insulin daily. Careful physical, neurologic and laboratory examinations showed the following positive findings: (1) diminished biceps and ankle jerk reflexes; (2) variation from hypesthesia to anesthesia as well as to tactile sensation over the front of the legs and foot which seems to follow the distribution of the fourth and fifth lumbar and the first sacral nerves; (3) slightly enlarged prostate; (4) eczematoid dermatitis of the hands and forearms; (5) 5 per cent sugar in the urine; (6) a trace of acetone; (7) a fasting blood sugar of 295 mg. per hundred cubic centimeters; (8) carbon dioxide combining power of 64 volumes per cent; (9) Wassermann reaction negative and blood count normal. At the present time his diabetes is controlled and his urine is sugar free.

M.D., California.

ANSWER.—The patient has diabetes mellitus of twelve years' duration with onset of the disease at the age of 19. The condition presumably has been uncontrolled throughout most of his diabetic lifetime because, prior to the recent treatment, he was taking only 20 units of insulin daily, his urine contained 5 per cent sugar and the fasting blood sugar was 295 mg. per hundred cubic centimeters. In addition he shows symptoms and signs of the neuropathy encountered in uncontrolled diabetes.

Lumbar puncture, including study of dynamics and careful examination of the spinal fluid, is indicated. In the neuropathy seen in diabetes, it is characteristic to find an increase in the total protein of the spinal fluid unaccompanied by an increase in cells.

If a complicating neurologic condition unrelated to diabetes is ruled out, then the best treatment includes control of the diabetic condition, bringing the weight up to standard with diet and insulin (using protamine zinc insulin with supplementary doses of regular or crystalline insulin, if needed), the development of his muscles and liberal provision for vitamins, particularly the vitamin B complex. There may, of course, be a psychic element.

ANESTHETIC FOR DRUM MEMBRANE

To the Editor:—What is considered to be the most effective local anesthetic (or combination) for use in paracentesis of the membrana tympani?

M.D., Washington.

ANSWER.—There is no really satisfactory local anesthetic for use in paracentesis of the membrana tympani. Various preparations have been used. Thirty per cent phenol in glycerin affords some analgesia. Bomain's solution (equal parts of cocaine, phenol and menthol) has its supporters and does lessen the pain, but its use is not without danger. Some otologists prefer cocaine crystals (10 per cent) in aniline or in equal parts of aniline and absolute alcohol. Unfortunately epidermal desquamation of the canal is a common sequel to topical medication.

It is of interest to note that when paracentesis is required in such diseases as acute serous otitis or when medication is injected through the normal drum membrane (e. g. thyroxine, as in otosclerosis), no anesthetic is actually necessary. Opening of such a noninflamed drum is almost painless, and it is precisely under these conditions that proponents of local anesthetics have claimed the greatest success. The best anesthetic for paracentesis in acute suppurative otitis media is a short gaseous anesthetic when this is available.

CRUSTING NASOPHARYNX IN SINUSITIS

To the Editor:—A patient is suffering from chronic sinusitis. The discharge drops into the posterior nasopharynx, collecting there and forming a "scab" the size of a quarter (24 mm.) which necessitates instrumentation for removal. This has to be done every three to five days. Will you please give me some advice on how to prevent this "scab formation" besides the usual treatments for chronic sinusitis. The anatomy of the nasopharynx is normal.

G. F. Spielhagen, M.D., Iowa City.

ANSWER.—Assuming that the sinusitis is being cared for adequately, there remains the local condition in the nasopharynx to be treated. This may prove to be obstinate. Following the removal of the crust, the mucosa may be painted with increasing strengths of Mandl's pigment. A prescription for this is iodine 4 Gm., potassium iodide 1.3 Gm., peppermint oil 0.3 cc., glycerin 30 cc. As the treatment progresses, the strength of the iodine may be increased.

A bland oily preparation may be used in the nose several times a day to coat the mucous membrane and so prevent drying and crusting of secretions. The possible danger of lung irritation from such oils, however, must be considered. Small doses of potassium iodide by mouth are often found useful for this purpose.

This discussion assumes that the nasopharyngeal condition is secondary to the nasal infection and is not due to a retention cyst in the vault of the nasopharynx or to an atrophic change in the mucosa or some such similar state of affairs.

PROBABLE CHRONIC CYSTIC MASTITIS

To the Editor:—A married woman aged 42 had an amputation of the left nipple ten years ago for what was apparently a nonmalignant disease. The breast contains variable-sized movable nodules as evidence of chronic mastitis. Comparable nodules are found in the opposite breast. They have been present for several years without changes noted. What are the possibilities of malignant disease in a breast of this type? Assuming that an intraductal cancer should develop and assuming that the early symptom of discharge would necessarily be absent, is it conceivable that cancer would become inoperable before adequate recognition was possible? Are statistics as to cancer in breasts of this type available? Would the absence of the nipple coupled with the presence of the chronic mastitis and a positive family history of cancer justify resection of the breast?

M.D., Wisconsin.

ANSWER.—If one is to judge by the description, one is probably dealing with a case of chronic cystic mastitis. Furthermore, if the clinical diagnosis of chronic cystic mastitis is correct, then one can be reasonably certain that the patient has little chance of having a carcinoma in the breast now or at a later date. On the other hand, it is often difficult to make a definite clinical diagnosis as to the exact nature of lesions of the breast, and if there is any doubt as to the correctness of the clinical diagnosis the patient's breast should be amputated and subjected to a thorough pathologic examination.

BILATERAL COMPLETE CRYPTORCHISM IN EIGHT YEAR OLD BOY

To the Editor:—What is the proper therapeutic procedure in a boy aged 8 with complete bilateral cryptorchism when the testes cannot be palpated in the scrotum or in the inguinal canals? He is otherwise normal, mentally and physically. What is present day opinion on treatment with gonadotropic substance? At what age should treatment be started?

Irving Saffran, M.D., Dorchester, Mass.

ANSWER.—In a patient with bilateral intra-abdominal testes it is improbable that the gonadotropic substances will produce descent. A trial of this material for six to eight weeks at the most, using approximately 500 international rat units three to four times a week would probably not be harmful. If at the end of this time the testes had not descended, an operation should be considered, only one side at a time being done. Treatment should begin at once.

BIFOCAL GLASSES

To the Editor:—Do you know of a book or article that discusses types of bifocals for barbers and carpenters? Some people are dissatisfied with bifocals and a discussion of the subject would be of value to me. As you know, of late years there have been a number of bifocals on the market.

W. B. Hubbard, M.D., Flint, Mich.

ANSWER.—The problem of bifocals is the problem of ordinary refraction. There is no special book or even article dealing with the aspect of the problem requested. However, any of the standard textbooks on refraction, Thorrington, Duke-Elder and others, discuss the required strength of the additional reading segment that may be incorporated into bifocals. The experienced refractionist tests in each case the requisite working distance and bases his prescription on the data thus obtained.

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194